

Bibliography

61-1 Chemical Identity

MRID	Citation Reference
47050901	Besser, B. (2007) Product Chemistry of X-6249-07. Project Number: GLP/2093. Unpublished study prepared by McLaughlin Gormley King Company. 7 p.

61-2 Description of Beginning Materials and Manufacturing Proces

MRID	Citation Reference
47050901	Besser, B. (2007) Product Chemistry of X-6249-07. Project Number: GLP/2093. Unpublished study prepared by McLaughlin Gormley King Company. 7 p.

61-3 Discussion of Formation of Impurities

MRID	Citation Reference
47050901	Besser, B. (2007) Product Chemistry of X-6249-07. Project Number: GLP/2093. Unpublished study prepared by McLaughlin Gormley King Company. 7 p.

62-2 Certification of limits

MRID	Citation Reference
47050901	Besser, B. (2007) Product Chemistry of X-6249-07. Project Number: GLP/2093. Unpublished study prepared by McLaughlin Gormley King Company. 7 p.

62-3 Analytical Method

MRID	Citation Reference
47050901	Besser, B. (2007) Product Chemistry of X-6249-07. Project Number: GLP/2093. Unpublished study prepared by McLaughlin Gormley King Company. 7 p.

63-2 Color

MRID	Citation Reference
46783301	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Insecticide Concentrate

DR. Project Number: 05/11/03/UI. Unpublished study prepared by United Industries Corp. 10 p.

47002301 Reed, L. (2006) Physical and Chemical Characteristics of TC/249. Project Number: 06/0371, 1857. Unpublished study prepared by Whitmire Micro Gen Research Laboratories Inc. 11 p.

47050901 Besser, B. (2007) Product Chemistry of X-6249-07. Project Number: GLP/2093. Unpublished study prepared by McLaughlin Gormley King Company. 7 p.

47104801 Reed, L. (2007) Physical and Chemical Characteristics of TC-267. Project Number: 06/0375, 1864. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories Inc. 11 p.

48316401 Reed, L. (2010) Physical and Chemical Characteristics of TC-329 [BAS 395 HG I]. Project Number: 10/0555. Unpublished study prepared by BASF PLC and Whitmire Micro-Gen Research Laboratories, Inc. 11 p.

63-3 Physical State

MRID	Citation Reference
46783301	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Insecticide Concentrate DR. Project Number: 05/11/03/UI. Unpublished study prepared by United Industries Corp. 10 p.
46971501	Reed, L. (2005) Physical and Chemical Characteristics of TC-259. Project Number: 05/0337. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories Inc. 11 p.
47002301	Reed, L. (2006) Physical and Chemical Characteristics of TC/249. Project Number: 06/0371, 1857. Unpublished study prepared by Whitmire Micro Gen Research Laboratories Inc. 11 p.
47050901	Besser, B. (2007) Product Chemistry of X-6249-07. Project Number: GLP/2093. Unpublished study prepared by McLaughlin Gormley King Company. 7 p.
47104801	Reed, L. (2007) Physical and Chemical Characteristics of TC-267. Project Number: 06/0375, 1864. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories Inc. 11 p.
47879001	Reed, L. (2009) Physical and Chemical Characteristics of Whitmire TC-303. Project Number: 09/0440, 2340. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 13 p.
48316401	Reed, L. (2010) Physical and Chemical Characteristics of TC-329 [BAS 395 HG I]. Project Number: 10/0555. Unpublished study prepared by BASF PLC and Whitmire Micro-Gen Research Laboratories, Inc. 11 p.

63-4 Odor

MRID	Citation Reference
46783301	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Insecticide Concentrate DR. Project Number: 05/11/03/UI. Unpublished study prepared by United Industries Corp. 10 p.
47002301	Reed, L. (2006) Physical and Chemical Characteristics of TC/249. Project Number: 06/0371, 1857. Unpublished study prepared by Whitmire Micro Gen Research Laboratories Inc. 11 p.
47050901	Besser, B. (2007) Product Chemistry of X-6249-07. Project Number: GLP/2093. Unpublished study prepared by McLaughlin Gormley King Company. 7 p.
47104801	Reed, L. (2007) Physical and Chemical Characteristics of TC-267. Project Number: 06/0375, 1864. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories Inc. 11 p.

48316401 Reed, L. (2010) Physical and Chemical Characteristics of TC-329 [BAS 395 HG I]. Project Number: 10/0555. Unpublished study prepared by BASF PLC and Whitmire Micro-Gen Research Laboratories, Inc. 11 p.

63-5 Melting Point

MRID	Citation Reference
47002301	Reed, L. (2006) Physical and Chemical Characteristics of TC/249. Project Number: 06/0371, 1857. Unpublished study prepared by Whitmire Micro Gen Research Laboratories Inc. 11 p.

63-6 Boiling Point

MRID	Citation Reference
46726501	Reed, L. (2006) Physical and Chemical Characteristics of TC-248. Project Number: 05/0323, TC/248/1. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories Inc. 11 p.
47002301	Reed, L. (2006) Physical and Chemical Characteristics of TC/249. Project Number: 06/0371, 1857. Unpublished study prepared by Whitmire Micro Gen Research Laboratories Inc. 11 p.

63-7 Density

MRID	Citation Reference
46783301	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Insecticide Concentrate DR. Project Number: 05/11/03/UI. Unpublished study prepared by United Industries Corp. 10 p.
46971501	Reed, L. (2005) Physical and Chemical Characteristics of TC-259. Project Number: 05/0337. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories Inc. 11 p.
47002301	Reed, L. (2006) Physical and Chemical Characteristics of TC/249. Project Number: 06/0371, 1857. Unpublished study prepared by Whitmire Micro Gen Research Laboratories Inc. 11 p.
47050901	Besser, B. (2007) Product Chemistry of X-6249-07. Project Number: GLP/2093. Unpublished study prepared by McLaughlin Gormley King Company. 7 p.
47104801	Reed, L. (2007) Physical and Chemical Characteristics of TC-267. Project Number: 06/0375, 1864. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories Inc. 11 p.
47879001	Reed, L. (2009) Physical and Chemical Characteristics of Whitmire TC-303. Project Number: 09/0440, 2340. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 13 p.
48316401	Reed, L. (2010) Physical and Chemical Characteristics of TC-329 [BAS 395 HG I]. Project Number: 10/0555. Unpublished study prepared by BASF PLC and Whitmire Micro-Gen Research Laboratories, Inc. 11 p.

63-12 pH

MRID	Citation Reference
------	--------------------

46783301	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Insecticide Concentrate DR. Project Number: 05/11/03/UI. Unpublished study prepared by United Industries Corp. 10 p.
46971501	Reed, L. (2005) Physical and Chemical Characteristics of TC-259. Project Number: 05/0337. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories Inc. 11 p.
47104801	Reed, L. (2007) Physical and Chemical Characteristics of TC-267. Project Number: 06/0375, 1864. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories Inc. 11 p.
47879001	Reed, L. (2009) Physical and Chemical Characteristics of Whitmire TC-303. Project Number: 09/0440, 2340. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 13 p.
48316401	Reed, L. (2010) Physical and Chemical Characteristics of TC-329 [BAS 395 HG I]. Project Number: 10/0555. Unpublished study prepared by BASF PLC and Whitmire Micro-Gen Research Laboratories, Inc. 11 p.

63-14 **Oxidizing/Reducing Action**

MRID	Citation Reference
46783301	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Insecticide Concentrate DR. Project Number: 05/11/03/UI. Unpublished study prepared by United Industries Corp. 10 p.
47104801	Reed, L. (2007) Physical and Chemical Characteristics of TC-267. Project Number: 06/0375, 1864. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories Inc. 11 p.

63-15 **Flammability**

MRID	Citation Reference
46783301	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Insecticide Concentrate DR. Project Number: 05/11/03/UI. Unpublished study prepared by United Industries Corp. 10 p.
46971501	Reed, L. (2005) Physical and Chemical Characteristics of TC-259. Project Number: 05/0337. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories Inc. 11 p.
47050901	Besser, B. (2007) Product Chemistry of X-6249-07. Project Number: GLP/2093. Unpublished study prepared by McLaughlin Gormley King Company. 7 p.
47104801	Reed, L. (2007) Physical and Chemical Characteristics of TC-267. Project Number: 06/0375, 1864. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories Inc. 11 p.
47879001	Reed, L. (2009) Physical and Chemical Characteristics of Whitmire TC-303. Project Number: 09/0440, 2340. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 13 p.

63-16 **Explodability**

MRID	Citation Reference
46783301	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Insecticide Concentrate

DR. Project Number: 05/11/03/UI. Unpublished study prepared by United Industries Corp. 10 p.

63-17 Storage stability

MRID	Citation Reference
47002301	Reed, L. (2006) Physical and Chemical Characteristics of TC/249. Project Number: 06/0371, 1857. Unpublished study prepared by Whitmire Micro Gen Research Laboratories Inc. 11 p.
47250701	Schoenberg, P. (2006) Container Stability Determination Real Time and Accelerated Chemical Stability: Chemsico Roach Control 5DW. Project Number: 05/09/05/UI. Unpublished study prepared by United Industries Corp. 10 p.
47250801	Schoenberg, P. (2006) Container Stability Determination Real Time and Accelerated Chemical Stability: Chemsico Insecticide Concentrate DT. Project Number: 05/11/02/UI. Unpublished study prepared by United Industries Corp. 10 p.
48642001	Conti, J. (2011) Product Chemistry-Storage Stability: C661. Project Number: C661/2/00/E2/STORAGE. Unpublished study prepared by Ceva Animal Health, LLC. 13p.

63-18 Viscosity

MRID	Citation Reference
46726501	Reed, L. (2006) Physical and Chemical Characteristics of TC-248. Project Number: 05/0323, TC/248/1. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories Inc. 11 p.
46783301	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Insecticide Concentrate DR. Project Number: 05/11/03/UI. Unpublished study prepared by United Industries Corp. 10 p.
46971501	Reed, L. (2005) Physical and Chemical Characteristics of TC-259. Project Number: 05/0337. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories Inc. 11 p.
47050901	Besser, B. (2007) Product Chemistry of X-6249-07. Project Number: GLP/2093. Unpublished study prepared by McLaughlin Gormley King Company. 7 p.
47104801	Reed, L. (2007) Physical and Chemical Characteristics of TC-267. Project Number: 06/0375, 1864. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories Inc. 11 p.
47879001	Reed, L. (2009) Physical and Chemical Characteristics of Whitmire TC-303. Project Number: 09/0440, 2340. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 13 p.
48316401	Reed, L. (2010) Physical and Chemical Characteristics of TC-329 [BAS 395 HG I]. Project Number: 10/0555. Unpublished study prepared by BASF PLC and Whitmire Micro-Gen Research Laboratories, Inc. 11 p.

63-19 Miscibility

MRID	Citation Reference
47050901	Besser, B. (2007) Product Chemistry of X-6249-07. Project Number: GLP/2093. Unpublished study prepared by McLaughlin Gormley King Company. 7 p.

63-20 Corrosion characteristics

MRID	Citation Reference
47002301	Reed, L. (2006) Physical and Chemical Characteristics of TC/249. Project Number: 06/0371, 1857. Unpublished study prepared by Whitmire Micro Gen Research Laboratories Inc. 11 p.
47250701	Schoenberg, P. (2006) Container Stability Determination Real Time and Accelerated Chemical Stability: Chemsico Roach Control 5DW. Project Number: 05/09/05/UI. Unpublished study prepared by United Industries Corp. 10 p.
47250801	Schoenberg, P. (2006) Container Stability Determination Real Time and Accelerated Chemical Stability: Chemsico Insecticide Concentrate DT. Project Number: 05/11/02/UI. Unpublished study prepared by United Industries Corp. 10 p.

81-6 Dermal sensitization

MRID	Citation Reference
47050909	Conti, J. (2007) Companion Animal Safety Bridging Discussion: (SVP8). Project Number: SVP8/COMP/SAFETY. Unpublished study prepared by Summit VetPharm, LLC. 4 p.

141-5 Field test for pollinators

MRID	Citation Reference
47688101	Hummel, R. (2009) Field Evaluation of Foraging Honey Bees (<i>Apis mellifera</i>) and Hives after Exposure to Dinotefuran Applied to Cotton. Project Number: 43421F008. Unpublished study prepared by Landis International, Inc. 44 p.
48739301	Hummel, R. (2012) Field Evaluation of Foraging Honey Bees (<i>Apis mellifera</i>) and Hives after Exposure to Dinotefuran Applied to Cotton: Final Report. Project Number: 43421F008/OCR, 236C/158, 236C/161. Unpublished study prepared by Landis International, Inc. and Wildlife International, Ltd. 276p.

161-3 Photodegradation-soil

MRID	Citation Reference
46711202	Volk, S. (2004) (Carbon 14)-MNG: Degradation in Three Soils Incubated Under Aerobic Conditions. Project Number: 844180. Unpublished study prepared by RCC Umweltchemie Ag. 104 p.

162-1 Aerobic soil metabolism

MRID	Citation Reference
------	--------------------

46711201 Volkl, S. (2003) (Carbon 14)-MTI-446: Metabolism in One Soil Incubated Under Aerobic Conditions. Project Number: 843175. Unpublished study prepared by RCC Umweltchemie Ag. 95 p.

46751101 Lentz, N. (2006) Aerobic Soil Metabolism of MTI-446. Project Number: 013184/1/1. Unpublished study prepared by Ricerca Biosciences, LLC. 22 p.

810.1000 Overview, Definitions, and General Considerations

MRID	Citation Reference
47058201	Arends, J. (2006) Evaluation of the Efficacy of 0.5% Dinotefuran Fly Bait for the Control of Naturally Occurring Infestations of House Flies (<i>Musca domestica</i>): Final Report. Project Number: VBC100. Unpublished study prepared by S & J Farms. 55 p.
47415413	Wang, B.; Gao, R.; Mastro, V.; et al. (2006) Research Update on the Systemic Insecticides for the Control of the Asian Longhorned Beetle. Emerald Ash Borer and Asian Longhorned Beetle Research and Development Review Meeting. 111 p.
47466901	Smitley, D.; Newhouse, K.; Davis, T.; et al. (2008) Efficacy of Dinotefuran Applied as a Basal Drench for Control of Emerald Ash Borer (<i>Agrilus planipennis</i> Fairmaire) in Ash Trees (<i>Fraxinus pennsylvanica</i> Marsh). Project Number: MSU/EAB/2007. Unpublished study prepared by Dept. of Entomology, Michigan State University. 12 p.
47783807	Cook, J. (2008) Evaluation of a Two Dinotefuran Gel Ant Baits and Comparison with an Industry Standard against the Red Imported Fire Ant and Southern Pavement Ant. Project Number: 1245, 2284. Unpublished study prepared by Sam Houston State University. 7 p.
47783808	Cook, J. (2008) Evaluation of a Two Dinotefuran Gel Ant Baits and Comparison with an Industry Standard against the Argentine and Pharaoh Ant. Project Number: 1245, 2285. Unpublished study prepared by Sam Houston State University. 7 p.

810.3000 General Considerations for efficacy of invertebrate control agents

MRID	Citation Reference
47817301	Galloway, P. (2009) Trial Reports and Data Analyses for Dinotefuran 20SG Evaluated against Emerald Ash Borer. Unpublished study prepared by Mitsui Chemicals, Inc. 30 p.

810.3300 Treatments to control pests of humans and pets

MRID	Citation Reference
46552709	Young, D. (2005) In Vivo Adulticidal and Ovicidal Activity of a Flea and Tick Dermal Treatment Against the Cat Flea (<i>Ctenocephalides felis</i>) and the Brown Dog Tick (<i>Rhipicephalus sanguineus</i>) on Dogs: Final Amended Report. Project Number: HMNJ/04C/0301/2, 1715, HMNJ/04C/0301. Unpublished study prepared by Young Veterinary Research Services. 47 p.
46552710	Fourie, L. (2005) Efficacy of an Experimental Spot-on Formulation Administered Topically to Dogs (10 Pounds or Less of Body Weight) Infested with Fleas (<i>Ctenocephalides felis</i>) and Ticks (<i>Rhipicephalus sanguineus</i>). Project Number: 1727, CV/04/205. Unpublished study prepared by Clin Vet International. 28 p.

- 46552711 Fourie, L. (2005) Efficacy of an Experimental Spot-on Formulation Administered Topically to Dogs (11 to 20 Pounds of Body Weight) Infested with Fleas (*Ctenocephalides felis*) and Ticks (*Dermacentor variabilis*). Project Number: 1729, CV/04/206. Unpublished study prepared by Clin Vet International. 24 p.
- 46552712 Fourie, L. (2005) Efficacy of an Experimental Spot-on Formulation Administered Topically to Dogs (Over 55 Pounds of Body Weight) Infested with Fleas (*Ctenocephalides felis*) and Ticks (*Rhipicephalus sanguineus*). Project Number: 1730, CV/04/207. Unpublished study prepared by Clin Vet International. 27 p.
- 46552713 Fourie, L. (2005) Effect of Shampooing on the Efficacy of an Experimental Spot-on Formulation Administered Topically to Dogs (21 to 55 Pounds of Body Weight) Infested with Fleas (*Ctenocephalides felis*) and Ticks (*Rhipicephalus sanguineus*). Project Number: 1728, CV/04/208. Unpublished study prepared by Clin Vet International. 25 p.
- 46552714 Young, D. (2005) Water Immersion Impact on the In Vivo Adulticidal and Ovicidal Activity of a Flea and Tick Dermal Treatment Against the Cat Flea (*Ctenocephalides felis*) and the Brown Dog Tick (*Rhipicephalus sanguineus*) on Dogs. Project Number: HMNJ/04C/0302/1, 1734, HMNJ/04C/0302. Unpublished study prepared by Young Veterinary Research Services. 41 p.
- 46552715 Slone, R. (2005) Evaluation of the Efficacy of an Experimental Spot-on at 2, 6 and 12 Hours Following Topical Administration to Dogs Between ~21-55 Pounds of Body Weight Infested with the Cat Flea (*Ctenocephalides felis*) and the Brown Dog Tick (*Rhipicephalus sanguineus*). Project Number: 1736, PLRS/0434. Unpublished study prepared by Professional Laboratory and Research Services, Inc. 44 p.
- 46552719 Sloane, R. (2005) Evaluation of the Efficacy of an Experimental Spot-on Following Topical Administration to Dogs Between ~21-55 Pounds of Body Weight Infested with Adult Texas Lone Star Ticks (*Amblyomma americanum*) and the In Vitro Efficacy Against Deer Tick Nymphs (*Ixodes scapularis*). Project Number: 1751, PLRS/0442. Unpublished study prepared by: Professional Laboratory and Research Services, Inc.. 58 p.
- 46552720 Slone, R. (2005) Evaluation of the Efficacy of an Experimental Spot-on Following Topical Administration to Dogs Between ~21-55 Pounds of Body Weight Infested with Adult Gulf Coast Ticks (*Amblyomma maculatum*). Project Number: 1778, PLRS/0450. Unpublished study prepared by Professional Laboratory and Research Services, Inc. 36 p.
- 46581608 Young, D. (2005) In Vivo Activity of Flea Dermal Treatments Against the Cat Flea (*Ctenocephalides felis*) on Cats: Hartz Reference 123. Project Number: 1714, HMNJ/04F/0101. Unpublished study prepared by Young Veterinary Research Services. 39 p.
- 46581609 Young, D. (2005) In Vivo Activity of a Flea Dermal Treatment Against the Cat Flea (*Ctenocephalides felis*) on Cats Weighing Over 9 Lbs. Project Number: 1780. Unpublished study prepared by Young Veterinary Research Services. 21 p.
- 46660401 Slone, R. (2005) Evaluation of the Efficacy of an Experimental Spot-on at 2, 6 and 12 Hours Following Topical Administration to Cats 9 Pounds or Less of Body Weight Infested with the Cat Flea (*Ctenocephalides felis*): TS# 12690, TS# 12691, Advantage (TS# 12692), Sergeant's Gold (TS# 12694). Project Number: 1815, PLRS/0529. Unpublished study prepared by Professional Laboratory and Research Services, Inc. 32 p.
- 46815601 Fourie, L. (2006) Evaluation of the Efficacy of an Experimental Spot-on at 2, 6 and 12 Hours Following Topical Administration to Cats Greater Than 9 Lbs. of Body Weight Infested With the Cat Flea (*Ctenocephalides Felis*): Hartz Reference 123. Project Number: 1858, CV/06/311. Unpublished study prepared by Clin Vet International. 75 p.
- 46850303 Fourie, L. (2006) Evaluation of the Efficacy of an Experimental Spot-On at 2,6 and 12 Hours Following Topical Administration to Dogs (11 to 20 Pounds of Body Weight) Infested with the Cat Flea (*Ctenocephalides felis*) and the Brown Dog Tick (*Rhipicephalus sanguineus*). Project Number: 1860, CV/06/313. Unpublished study prepared by Clin Vet International. 82 p.
- 46850304 Slone, R. (2005) Evaluation of the Efficacy of an Experimental Spot-On at 2, 6, and 12 Hours Following

Topical Administration to Dogs Between ~21/55 Pounds of Body Weight Infested with the Cat Flea (*Ctenocephalides felis*) and the Brown Dog Tick (*Rhipicephalus sanguineus*), as Compared to Competitor Products. Project Number: 1806, PLRS/0523. Unpublished study prepared by: Professional Laboratory and Research Services, Inc.. 39 p.

46850305 Fourie, L. (2006) Evaluation of the Efficacy of an Experimental Spot-On at 2, 6 and 12 Hours Following Topical Administration to Dogs Over 55 Pounds of Body Weight Infested with the Cat Flea (*Ctenocephalides felis*). Project Number: 1861, CV/06/314. Unpublished study prepared by Clin Vet International. 84 p.

46865901 Fourie, L. (2006) Evaluation of the Efficacy of an Experimental Spot-on at 2, 6 and 12 Hours Following Topical Administration to Dogs 10 Pounds or Less of Body Weight Infested With the Cat Flea (*Ctenocephalides felis*). Project Number: 1859, CV/06/312. Unpublished study prepared by Clin Vet International. 82 p.

47027103 Fourie, L. (2006) Efficacy of an Experimental Spot on Formulation Administered Topically to Dogs (89 to 132 Pounds of Body Weight) Infested with Fleas (*Ctenocephalides Felis*) and Ticks (*Rhipicephalus Sanguineus*): SVP7.. Project Number: 1865, CV/06/329. Unpublished study prepared by Clin Vet International. 92 p.

47050910 Conti, J. (2007) Product Performance - Efficacy: (SVP8). Project Number: SVP8/EFFICACY. Unpublished study prepared by Summit VetPharm, LLC. 5 p.

47062201 Conti, J. (2007) SVP9 Efficacy Bridging Discussion. Project Number: SVP9/EFFICACY. Unpublished study prepared by Summit VetPharm, LLC. 11 p.

47237601 Cruthers, L.; Ball, C. (2007) In vivo Adulticidal Activity of Flea Dermal Treatments Against the Cat Flea (*Ctenocephalides felis*) on Dogs. Project Number: 07013, PLRS/0753, SVP/07013. Unpublished study prepared by Professional Laboratory and Research Services, Inc. 34 p.

47246801 Cruthers, L.; Ball, C. (2007) In vivo Adulticidal Activity of Flea Dermal Treatments Against the Cat Flea (*Ctenocephalides felis*) on Cats. Project Number: 07001, PLRS/0704. Unpublished study prepared by Professional Laboratory and Research Services, Inc. 39 p.

47316001 Conti, J. (2007) Efficacy Data Support Document: (SVP 7). Project Number: SVP7/1107. Unpublished study prepared by Summit Vetpharm, LLC. 153 p.

47576001 Conti, J. (2008) Efficacy Data Support Document. Project Number: EFFSUPLIT/SVP7/1014. Unpublished study prepared by Summit Vetpharm, LLC. 59 p.

47576002 Young, D. (2008) Evaluation of the Efficacy of Vectra 3D following Topical Administration to Dogs between 21-55 Pounds of Body Weight Infested with Adult Lone Star Ticks (*Amblyomma americanum*). Project Number: SVP/07023. Unpublished study prepared by Young Veterinary Research Services. 34 p.

48144401 Fourie, J. (2010) The Effects of Weekly Shampooing on the Persistent Efficacy of Vectra 3D Against Ticks (*Rhipicephalus sanguineus*) and Fleas (*Ctenocephalides felis*) on Dogs. Project Number: SVP09002, CV/09/666. Unpublished study prepared by Clin Vet International. 66 p.

48144402 Fourie, J. (2010) Efficacy of Vectra 3D Against *Stomoxys calcitrans* on Dogs: SVP7. Project Number: SVP09004, CV/09/659. Unpublished study prepared by Clin Vet International. 40 p.

48144403 Fourie, J. (2009) Comparative Study on the Efficacy of Three Topically Applied Products Against Fleas (*Ctenocephalides felis*) on Dogs. Project Number: SVP08022, CV/08/541. Unpublished study prepared by Clin Vet International. 53 p.

48144404 Fourie, J. (2009) Comparative Study on the Efficacy of Three Topically Applied Products Against Ticks (*Rhipicephalus sanguineus*) on Dogs: (SVP7). Project Number: SVP08023, CV/08/542. Unpublished study prepared by Clin Vet International. 69 p.

48144405 Conti, J. (2010) Comparative Efficacy - Fire Ants/Mites: (SVP7). Project Number: SVP/JAC/7/22010.

Unpublished study prepared by Summit Vetpharm, LLC. 28 p.

48441501 Conti, J. (2011) Evaluation of Vectra 3D for Control of Flies on Horses. Project Number: SVP09015. Unpublished study prepared by Oklahoma State University. 13 p.

48525601 Conti, J. (2011) Evaluation of Formulation Containing Dinotefuran/Permethrin/Pyriproxyfen for the Control of Ticks, Lice and Mites. Project Number: CEVA/VEQ001. Unpublished study prepared by Ceva Animal Health, LLC. 28 p.

810.3400 Mosquito, black fly, and biting midge (sand fly) treatments

MRID	Citation Reference
46552716	Slone, R. (2005) Evaluation of an Experimental Spot-on Applied Topically to Dogs (Between ~21 and 55 Lbs of Body Weight) to Repel, Kill and Stop Blood-Feeding of Adult Aedes aegypti Mosquitoes. Project Number: 1737, 0436. Unpublished study prepared by Professional Laboratory and Research Services, Inc. 52 p.
46552717	Carroll, S. (2005) Laboratory Trial: Efficacy of a Topical Containing S-1638/Permethrin/Nylar as a Mosquito (Culex pipiens quinquefasciatus) Repellent and Adulticide in Domestic Dogs. Project Number: 1762, HMC/003. Unpublished study prepared by Carroll, Dr. Scott P. 19 p.
46552718	Carroll, S. (2005) Laboratory Trial: Efficacy of a Topical Containing S-1638/Permethrin/Nylar as a Mosquito (Ochlerotatus triseriatus) Repellent and Adulticide in Domestic Dogs. Project Number: 1763, HMC/004. Unpublished study prepared by Carroll, Dr. Scott P. 19 p.

810.3500 Premises treatments

MRID	Citation Reference
47058201	Arends, J. (2006) Evaluation of the Efficacy of 0.5% Dinotefuran Fly Bait for the Control of Naturally Occurring Infestations of House Flies (Musca domestica): Final Report. Project Number: VBC100. Unpublished study prepared by S & J Farms. 55 p.
48875604	Donahue, W. (2008) Efficacy Evaluations of Three German CockroachTreatments Against Caged Cockroaches in the Laboratory. Project Number: WMG08/2 1157. Unpublished study prepared by Sierra Research Labs./ Dominion Res. 18p.
48950002	Donahue, W. (2010) Efficacy Evaluations of Ultracide IIA Carpet Spray Against Brown Dog Tick, Rhipicephalus sanguineus and Lone Star Tick, Amblyomma americanum in the Laboratory. Project Number: BAS10/9/SS, 1667. Unpublished study prepared by Sierra Research Labs./ Dominion Res. 10p.
48950005	Donahue, W. (2011) Efficacy Evaluations of Dinotefuran Aerosol (FC 230-069, TC-303) Against Brown Dog Tick, Rhipicephalus sanguineus, and Lone Star Tick, Amblyomma americanum, in the Laboratory. Project Number: 2978, 1667, BAS10/6/SS. Unpublished study prepared by Sierra Research Labs./ Dominion Res. 10p.

830.1550 Product Identity and composition

MRID	Citation Reference
------	--------------------

46396301 Taylor, E. (2004) Dinotefuran 70 SG: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: 2004/10112/001, 200400348. Unpublished study prepared by Valent U.S.A. Corporation. 77 p.

46763502 Schoenberg, P. (2005) Product Identity & Disclosure of Ingredients and Analysis and Certification of Product Ingredients: Chemsico Insecticide Concentrate DT. Unpublished study prepared by United Industries Corp. 9 p.

46777602 Schoenberg, P. (2005) Product Identity & Disclosure of Ingredients and Analysis and Certification of Product Ingredients: Chemsico Roach Control 5DW. Unpublished study prepared by United Industries Corp. 9 p.

46783302 Schoenberg, P. (2005) Product Identity & Disclosure of Ingredients and Analysis and Certification of Product Ingredients: Chemsico Insecticide Concentrate DR. Unpublished study prepared by United Industries Corp. 9 p.

47016801 Dorneval, L. (2006) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of SVP7. Project Number: SVP7. Unpublished study prepared by Hartz Mountain Corp. 30 p.

47139501 Taylor, E. (2007) Product Identity and Composition of Safari 2 G Insecticide: Description of Materials Used to Produce the Product Safari 2 G Insecticide: Description of Production Process for Safari 2 G Insecticide: Description of Formulation Process for Safari 2 G Insecticide: Discussion of Formation of Impurities for Safari 2 G Insecticide: Preliminary Analysis of Safari 2 G Insecticide: Certified Limits for Safari 2 G Insecticide: Enforcement Analytical Method for Safari 2 G Insecticide: Submittal of Samples for Safari 2 G Insecticide. Project Number: 2007/10112/001, 200700062. Unpublished study prepared by Valent U.S.A. Corporation. 91 p.

47783801 Moran, H. (2009) Physical and Chemical Characteristics of TC-296. Project Number: 2330, 09/0433. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 11 p.

47814501 Hawk, R. (2009) GWN-2119: Product Identity, Description of Materials, Manufacturing Process, Theoretical Discussion of Impurities and Certified Limits. Project Number: C0907. Unpublished study prepared by Gowan Co. 27 p.

47879001 Reed, L. (2009) Physical and Chemical Characteristics of Whitmire TC-303. Project Number: 09/0440, 2340. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 13 p.

48316401 Reed, L. (2010) Physical and Chemical Characteristics of TC-329 [BAS 395 HG I]. Project Number: 10/0555. Unpublished study prepared by BASF PLC and Whitmire Micro-Gen Research Laboratories, Inc. 11 p.

48393901 Reed, L. (2010) Physical and Chemical Characteristics of TC-271: [BAS 395 HD I]. Project Number: 2554, 10/0540. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 11 p.

48436001 Taylor, E. (2011) Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples for V-10276 0.088 SL Fungicide/Insecticide. Project Number: 2011/10276/001, 201100074A, 201100074B. Unpublished study prepared by Valent U.S.A. Corporation. 178 p.

48495401 Thomas, D. (2011) TC-320: Product Chemistry Part A Data Requirements and Part B Results Summary for Study Nos. 09-0520 & 09-0521. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 10 p.

48666401 Conti, J. (2011) Product Chemistry: Summary of the Physical/Chemical Properties of SVP7 and SVP11. Project Number: CEVA/SVP11/112211, C661/2/00/E/2. Unpublished study prepared by Ceva Animal Health, LLC. 26p.

48696201 Thomas, D. (2011) Product Chemistry Parta A Data Requirements and Part B Results Summary for Study

Nos. 11-0582 and RSM-5697. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. and BASF Corp. 8p.

48906901 Anderson, D. (2012) Dinotefuran Injectable: Product Identity, Manufacturing Process, Impurity Discussion, and Certified Limits. Project Number: RAINBOW/RTSA/DI/PRODID/0812. Unpublished study prepared by Rainbow Treecare Scientific Advancements. 55p.

830.1600 Description of materials used to produce the product

MRID	Citation Reference
46396301	Taylor, E. (2004) Dinotefuran 70 SG: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: 2004/10112/001, 200400348. Unpublished study prepared by Valent U.S.A. Corporation. 77 p.
46802404	Mitsui Chemicals, Inc. (2006) Dinotefuran Technical Description of Starting Materials and Manufacturing Process; Dinotefuran Technical Discussion of Formation of Impurities. Unpublished study. 14 p.
47016801	Dorneval, L. (2006) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of SVP7. Project Number: SVP7. Unpublished study prepared by Hartz Mountain Corp. 30 p.
47139501	Taylor, E. (2007) Product Identity and Composition of Safari 2 G Insecticide: Description of Materials Used to Produce the Product Safari 2 G Insecticide: Description of Production Process for Safari 2 G Insecticide: Description of Formulation Process for Safari 2 G Insecticide: Discussion of Formation of Impurities for Safari 2 G Insecticide: Preliminary Analysis of Safari 2 G Insecticide: Certified Limits for Safari 2 G Insecticide: Enforcement Analytical Method for Safari 2 G Insecticide: Submittal of Samples for Safari 2 G Insecticide. Project Number: 2007/10112/001, 200700062. Unpublished study prepared by Valent U.S.A. Corporation. 91 p.
47783801	Moran, H. (2009) Physical and Chemical Characteristics of TC-296. Project Number: 2330, 09/0433. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
47814501	Hawk, R. (2009) GWN-2119: Product Identity, Description of Materials, Manufacturing Process, Theoretical Discussion of Impurities and Certified Limits. Project Number: C0907. Unpublished study prepared by Gowan Co. 27 p.
47879001	Reed, L. (2009) Physical and Chemical Characteristics of Whitmire TC-303. Project Number: 09/0440, 2340. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 13 p.
48316401	Reed, L. (2010) Physical and Chemical Characteristics of TC-329 [BAS 395 HG I]. Project Number: 10/0555. Unpublished study prepared by BASF PLC and Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
48393901	Reed, L. (2010) Physical and Chemical Characteristics of TC-271: [BAS 395 HD I]. Project Number: 2554, 10/0540. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
48436001	Taylor, E. (2011) Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples for V-10276 0.088 SL Fungicide/Insecticide. Project Number: 2011/10276/001, 201100074A, 201100074B. Unpublished study prepared by Valent U.S.A. Corporation. 178 p.
48495401	Thomas, D. (2011) TC-320: Product Chemistry Part A Data Requirements and Part B Results Summary for Study Nos. 09-0520 & 09-0521. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 10 p.

48666401 Conti, J. (2011) Product Chemistry: Summary of the Physical/Chemical Properties of SVP7 and SVP11. Project Number: CEVA/SVP11/112211, C661/2/00/E/2. Unpublished study prepared by Ceva Animal Health, LLC. 26p.

48696201 Thomas, D. (2011) Product Chemistry Parta A Data Requirements and Part B Results Summary for Study Nos. 11-0582 and RSM-5697. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. and BASF Corp. 8p.

48906901 Anderson, D. (2012) Dinotefuran Injectable: Product Identity, Manufacturing Process, Impuritiy Discussion, and Certified Limits. Project Number: RAINBOW/RTSA/DI/PRODID/0812. Unpublished study prepared by Rainbow Treecare Scientific Advancements. 55p.

49019602 Conti, J. (2012) CAH14 Manufacturing Procedure. Project Number: CAH/JAC004. Unpublished study prepared by Ceva Animal Health, LLC. 30p.

49019702 Conti, J. (2012) CAH13 Manufacturing Procedure. Project Number: CAH/JAC/003. Unpublished study prepared by Ceva Animal Health, LLC. 30p.

830.1620 **Description of production process**

MRID	Citation Reference
46802404	Mitsui Chemicals, Inc. (2006) Dinotefuran Technical Description of Starting Materials and Manufacturing Process; Dinotefuran Technical Discussion of Formation of Impurities. Unpublished study. 14 p.
47016801	Dorneval, L. (2006) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of SVP7. Project Number: SVP7. Unpublished study prepared by Hartz Mountain Corp. 30 p.
47139501	Taylor, E. (2007) Product Identity and Composition of Safari 2 G Insecticide: Description of Materials Used to Produce the Product Safari 2 G Insecticide: Description of Production Process for Safari 2 G Insecticide: Description of Formulation Process for Safari 2 G Insecticide: Discussion of Formation of Impurities for Safari 2 G Insecticide: Preliminary Analysis of Safari 2 G Insecticide: Certified Limits for Safari 2 G Insecticide: Enforcement Analytical Method for Safari 2 G Insecticide: Submittal of Samples for Safari 2 G Insecticide. Project Number: 2007/10112/001, 200700062. Unpublished study prepared by Valent U.S.A. Corporation. 91 p.
47783801	Moran, H. (2009) Physical and Chemical Characteristics of TC-296. Project Number: 2330, 09/0433. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
48666401	Conti, J. (2011) Product Chemistry: Summary of the Physical/Chemical Properties of SVP7 and SVP11. Project Number: CEVA/SVP11/112211, C661/2/00/E/2. Unpublished study prepared by Ceva Animal Health, LLC. 26p.
48906901	Anderson, D. (2012) Dinotefuran Injectable: Product Identity, Manufacturing Process, Impuritiy Discussion, and Certified Limits. Project Number: RAINBOW/RTSA/DI/PRODID/0812. Unpublished study prepared by Rainbow Treecare Scientific Advancements. 55p.

830.1650 **Description of formulation process**

MRID	Citation Reference
46396301	Taylor, E. (2004) Dinotefuran 70 SG: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: 2004/10112/001,

200400348. Unpublished study prepared by Valent U.S.A. Corporation. 77 p.

- 46552701 Monro, C. (2005) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of Hartz Ref. 121. Project Number: TTEDOC/1. Unpublished study prepared by Hartz Mountain Corp. 22 p.
- 46763502 Schoenberg, P. (2005) Product Identity & Disclosure of Ingredients and Analysis and Certification of Product Ingredients: Chemsico Insecticide Concentrate DT. Unpublished study prepared by United Industries Corp. 9 p.
- 46783302 Schoenberg, P. (2005) Product Identity & Disclosure of Ingredients and Analysis and Certification of Product Ingredients: Chemsico Insecticide Concentrate DR. Unpublished study prepared by United Industries Corp. 9 p.
- 46802404 Mitsui Chemicals, Inc. (2006) Dinotefuran Technical Description of Starting Materials and Manufacturing Process; Dinotefuran Technical Discussion of Formation of Impurities. Unpublished study. 14 p.
- 47016801 Dorneval, L. (2006) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of SVP7. Project Number: SVP7. Unpublished study prepared by Hartz Mountain Corp. 30 p.
- 47139501 Taylor, E. (2007) Product Identity and Composition of Safari 2 G Insecticide: Description of Materials Used to Produce the Product Safari 2 G Insecticide: Description of Production Process for Safari 2 G Insecticide: Description of Formulation Process for Safari 2 G Insecticide: Discussion of Formation of Impurities for Safari 2 G Insecticide: Preliminary Analysis of Safari 2 G Insecticide: Certified Limits for Safari 2 G Insecticide: Enforcement Analytical Method for Safari 2 G Insecticide: Submittal of Samples for Safari 2 G Insecticide. Project Number: 2007/10112/001, 200700062. Unpublished study prepared by Valent U.S.A. Corporation. 91 p.
- 47783801 Moran, H. (2009) Physical and Chemical Characteristics of TC-296. Project Number: 2330, 09/0433. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
- 47814501 Hawk, R. (2009) GWN-2119: Product Identity, Description of Materials, Manufacturing Process, Theoretical Discussion of Impurities and Certified Limits. Project Number: C0907. Unpublished study prepared by Gowan Co. 27 p.
- 47879001 Reed, L. (2009) Physical and Chemical Characteristics of Whitmire TC-303. Project Number: 09/0440, 2340. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 13 p.
- 48316401 Reed, L. (2010) Physical and Chemical Characteristics of TC-329 [BAS 395 HG I]. Project Number: 10/0555. Unpublished study prepared by BASF PLC and Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
- 48393901 Reed, L. (2010) Physical and Chemical Characteristics of TC-271: [BAS 395 HD I]. Project Number: 2554, 10/0540. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
- 48436001 Taylor, E. (2011) Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples for V-10276 0.088 SL Fungicide/Insecticide. Project Number: 2011/10276/001, 201100074A, 201100074B. Unpublished study prepared by Valent U.S.A. Corporation. 178 p.
- 48495401 Thomas, D. (2011) TC-320: Product Chemistry Part A Data Requirements and Part B Results Summary for Study Nos. 09-0520 & 09-0521. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 10 p.
- 48666401 Conti, J. (2011) Product Chemistry: Summary of the Physical/Chemical Properties of SVP7 and SVP11. Project Number: CEVA/SVP11/112211, C661/2/00/E/2. Unpublished study prepared by Ceva Animal Health, LLC. 26p.
- 48696201 Thomas, D. (2011) Product Chemistry Part A Data Requirements and Part B Results Summary for Study Nos. 11-0582 and RSM-5697. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories,

Inc. and BASF Corp. 8p.

48906901 Anderson, D. (2012) Dinotefuran Injectable: Product Identity, Manufacturing Process, Impurity Discussion, and Certified Limits. Project Number: RAINBOW/RTSA/DI/PRODID/0812. Unpublished study prepared by Rainbow Treecare Scientific Advancements. 55p.

830.1670 Discussion of formation of impurities

MRID	Citation Reference
46396301	Taylor, E. (2004) Dinotefuran 70 SG: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: 2004/10112/001, 200400348. Unpublished study prepared by Valent U.S.A. Corporation. 77 p.
46662501	Monro, C. (2005) Supplemental Product Chemistry Information - Hartz Ref. 121. Project Number: TTEDOC1/SUPPLEMENTAL, TM/440/0. Unpublished study prepared by Hartz Mountain Corp. 22 p.
46777602	Schoenberg, P. (2005) Product Identity & Disclosure of Ingredients and Analysis and Certification of Product Ingredients: Chemsico Roach Control 5DW. Unpublished study prepared by United Industries Corp. 9 p.
46783302	Schoenberg, P. (2005) Product Identity & Disclosure of Ingredients and Analysis and Certification of Product Ingredients: Chemsico Insecticide Concentrate DR. Unpublished study prepared by United Industries Corp. 9 p.
46802404	Mitsui Chemicals, Inc. (2006) Dinotefuran Technical Description of Starting Materials and Manufacturing Process; Dinotefuran Technical Discussion of Formation of Impurities. Unpublished study. 14 p.
46828802	Schoenberg, P. (2005) Product Identity & Disclosure of Ingredients and Analysis and Certification of Product Ingredients. Unpublished study prepared by Analytical Bio-Chemistry Labs., Inc. 9 p.
47016801	Dorneval, L. (2006) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of SVP7. Project Number: SVP7. Unpublished study prepared by Hartz Mountain Corp. 30 p.
47139501	Taylor, E. (2007) Product Identity and Composition of Safari 2 G Insecticide: Description of Materials Used to Produce the Product Safari 2 G Insecticide: Description of Production Process for Safari 2 G Insecticide: Description of Formulation Process for Safari 2 G Insecticide: Discussion of Formation of Impurities for Safari 2 G Insecticide: Preliminary Analysis of Safari 2 G Insecticide: Certified Limits for Safari 2 G Insecticide: Enforcement Analytical Method for Safari 2 G Insecticide: Submittal of Samples for Safari 2 G Insecticide. Project Number: 2007/10112/001, 200700062. Unpublished study prepared by Valent U.S.A. Corporation. 91 p.
47783801	Moran, H. (2009) Physical and Chemical Characteristics of TC-296. Project Number: 2330, 09/0433. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
47814501	Hawk, R. (2009) GWN-2119: Product Identity, Description of Materials, Manufacturing Process, Theoretical Discussion of Impurities and Certified Limits. Project Number: C0907. Unpublished study prepared by Gowan Co. 27 p.
47879001	Reed, L. (2009) Physical and Chemical Characteristics of Whitmire TC-303. Project Number: 09/0440, 2340. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 13 p.
48316401	Reed, L. (2010) Physical and Chemical Characteristics of TC-329 [BAS 395 HG I]. Project Number: 10/0555. Unpublished study prepared by BASF PLC and Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
48393901	Reed, L. (2010) Physical and Chemical Characteristics of TC-271: [BAS 395 HD I]. Project Number: 2554,

10/0540. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 11 p.

48436001 Taylor, E. (2011) Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples for V-10276 0.088 SL Fungicide/Insecticide. Project Number: 2011/10276/001, 201100074A, 201100074B. Unpublished study prepared by Valent U.S.A. Corporation. 178 p.

48495401 Thomas, D. (2011) TC-320: Product Chemistry Part A Data Requirements and Part B Results Summary for Study Nos. 09-0520 & 09-0521. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 10 p.

48666401 Conti, J. (2011) Product Chemistry: Summary of the Physical/Chemical Properties of SVP7 and SVP11. Project Number: CEVA/SVP11/112211, C661/2/00/E/2. Unpublished study prepared by Ceva Animal Health, LLC. 26p.

48696201 Thomas, D. (2011) Product Chemistry Parta A Data Requirements and Part B Results Summary for Study Nos. 11-0582 and RSM-5697. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. and BASF Corp. 8p.

48906901 Anderson, D. (2012) Dinotefuran Injectable: Product Identity, Manufacturing Process, Impuritiy Discussion, and Certified Limits. Project Number: RAINBOW/RTSA/DI/PRODID/0812. Unpublished study prepared by Rainbow Treecare Scientific Advancements. 55p.

830.1700 Preliminary analysis

MRID	Citation Reference
46802401	Kumanomido, M. (2006) Final Report: Analysis of Active Ingredient and Impurities in Dinotefuran Technial. Project Number: GT0504. Unpublished study prepared by Japan Analytical Chemistry Consultants Co., Ltd. 60 p.
46802402	Matsumoto, T. (2005) Content Analysis of Dinotefuran Technical Product: Final Report. Project Number: 82510. Unpublished study prepared by Kurume Research Laboratories. 37 p.
46802403	Japan Analytical Chemistry Consultants Co., Ltd. (2005) Analysis of Active Ingredient and Impurities in Dinotefuran Technical: (Preliminary Test Toward GLP Analysis). Unpublished study. 58 p.
47016801	Dorneval, L. (2006) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of SVP7. Project Number: SVP7. Unpublished study prepared by Hartz Mountain Corp. 30 p.
47139501	Taylor, E. (2007) Product Identity and Composition of Safari 2 G Insecticide: Description of Materials Used to Produce the Product Safari 2 G Insecticide: Description of Production Process for Safari 2 G Insecticide: Description of Formulation Process for Safari 2 G Insecticide: Discussion of Formation of Impurities for Safari 2 G Insecticide: Preliminary Analysis of Safari 2 G Insecticide: Certified Limits for Safari 2 G Insecticide: Enforcement Analytical Method for Safari 2 G Insecticide: Submittal of Samples for Safari 2 G Insecticide. Project Number: 2007/10112/001, 200700062. Unpublished study prepared by Valent U.S.A. Corporation. 91 p.
47783801	Moran, H. (2009) Physical and Chemical Characteristics of TC-296. Project Number: 2330, 09/0433. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
48666401	Conti, J. (2011) Product Chemistry: Summary of the Physical/Chemical Properties of SVP7 and SVP11. Project Number: CEVA/SVP11/112211, C661/2/00/E/2. Unpublished study prepared by Ceva Animal Health, LLC. 26p.

830.1750 **Certified limits**

MRID	Citation Reference
46396301	Taylor, E. (2004) Dinotefuran 70 SG: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: 2004/10112/001, 200400348. Unpublished study prepared by Valent U.S.A. Corporation. 77 p.
46828802	Schoenberg, P. (2005) Product Identity & Disclosure of Ingredients and Analysis and Certification of Product Ingredients. Unpublished study prepared by Analytical Bio-Chemistry Labs., Inc. 9 p.
47016801	Dorneval, L. (2006) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of SVP7. Project Number: SVP7. Unpublished study prepared by Hartz Mountain Corp. 30 p.
47139501	Taylor, E. (2007) Product Identity and Composition of Safari 2 G Insecticide: Description of Materials Used to Produce the Product Safari 2 G Insecticide: Description of Production Process for Safari 2 G Insecticide: Description of Formulation Process for Safari 2 G Insecticide: Discussion of Formation of Impurities for Safari 2 G Insecticide: Preliminary Analysis of Safari 2 G Insecticide: Certified Limits for Safari 2 G Insecticide: Enforcement Analytical Method for Safari 2 G Insecticide: Submittal of Samples for Safari 2 G Insecticide. Project Number: 2007/10112/001, 200700062. Unpublished study prepared by Valent U.S.A. Corporation. 91 p.
47783801	Moran, H. (2009) Physical and Chemical Characteristics of TC-296. Project Number: 2330, 09/0433. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
47814501	Hawk, R. (2009) GWN-2119: Product Identity, Description of Materials, Manufacturing Process, Theoretical Discussion of Impurities and Certified Limits. Project Number: C0907. Unpublished study prepared by Gowan Co. 27 p.
47879001	Reed, L. (2009) Physical and Chemical Characteristics of Whitmire TC-303. Project Number: 09/0440, 2340. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 13 p.
48316401	Reed, L. (2010) Physical and Chemical Characteristics of TC-329 [BAS 395 HG I]. Project Number: 10/0555. Unpublished study prepared by BASF PLC and Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
48393901	Reed, L. (2010) Physical and Chemical Characteristics of TC-271: [BAS 395 HD I]. Project Number: 2554, 10/0540. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
48436001	Taylor, E. (2011) Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples for V-10276 0.088 SL Fungicide/Insecticide. Project Number: 2011/10276/001, 201100074A, 201100074B. Unpublished study prepared by Valent U.S.A. Corporation. 178 p.
48495401	Thomas, D. (2011) TC-320: Product Chemistry Part A Data Requirements and Part B Results Summary for Study Nos. 09-0520 & 09-0521. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 10 p.
48666401	Conti, J. (2011) Product Chemistry: Summary of the Physical/Chemical Properties of SVP7 and SVP11. Project Number: CEVA/SVP11/112211, C661/2/00/E/2. Unpublished study prepared by Ceva Animal Health, LLC. 26p.
48696201	Thomas, D. (2011) Product Chemistry Parta A Data Requirements and Part B Results Summary for Study Nos. 11-0582 and RSM-5697. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. and BASF Corp. 8p.

830.1800 Enforcement analytical method

MRID	Citation Reference
46396301	Taylor, E. (2004) Dinotefuran 70 SG: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: 2004/10112/001, 200400348. Unpublished study prepared by Valent U.S.A. Corporation. 77 p.
46662501	Monro, C. (2005) Supplemental Product Chemistry Information - Hartz Ref. 121. Project Number: TTEDOC1/SUPPLEMENTAL, TM/440/0. Unpublished study prepared by Hartz Mountain Corp. 22 p.
46828802	Schoenberg, P. (2005) Product Identity & Disclosure of Ingredients and Analysis and Certification of Product Ingredients. Unpublished study prepared by Analytical Bio-Chemistry Labs., Inc. 9 p.
47016801	Dorneval, L. (2006) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of SVP7. Project Number: SVP7. Unpublished study prepared by Hartz Mountain Corp. 30 p.
47139501	Taylor, E. (2007) Product Identity and Composition of Safari 2 G Insecticide: Description of Materials Used to Produce the Product Safari 2 G Insecticide: Description of Production Process for Safari 2 G Insecticide: Description of Formulation Process for Safari 2 G Insecticide: Discussion of Formation of Impurities for Safari 2 G Insecticide: Preliminary Analysis of Safari 2 G Insecticide: Certified Limits for Safari 2 G Insecticide: Enforcement Analytical Method for Safari 2 G Insecticide: Submittal of Samples for Safari 2 G Insecticide. Project Number: 2007/10112/001, 200700062. Unpublished study prepared by Valent U.S.A. Corporation. 91 p.
47783801	Moran, H. (2009) Physical and Chemical Characteristics of TC-296. Project Number: 2330, 09/0433. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
47814502	Hawk, R. (2009) Enforcement Analytical Method for the Determination of Dinotefuran in Liquid Formulations by HPLC. Project Number: C0907B. Unpublished study prepared by Gowan Co. 15 p.
47879001	Reed, L. (2009) Physical and Chemical Characteristics of Whitmire TC-303. Project Number: 09/0440, 2340. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 13 p.
48316401	Reed, L. (2010) Physical and Chemical Characteristics of TC-329 [BAS 395 HG I]. Project Number: 10/0555. Unpublished study prepared by BASF PLC and Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
48393901	Reed, L. (2010) Physical and Chemical Characteristics of TC-271: [BAS 395 HD I]. Project Number: 2554, 10/0540. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
48436001	Taylor, E. (2011) Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples for V-10276 0.088 SL Fungicide/Insecticide. Project Number: 2011/10276/001, 201100074A, 201100074B. Unpublished study prepared by Valent U.S.A. Corporation. 178 p.
48495401	Thomas, D. (2011) TC-320: Product Chemistry Part A Data Requirements and Part B Results Summary for Study Nos. 09-0520 & 09-0521. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 10 p.
48666401	Conti, J. (2011) Product Chemistry: Summary of the Physical/Chemical Properties of SVP7 and SVP11. Project Number: CEVA/SVP11/112211, C661/2/00/E/2. Unpublished study prepared by Ceva Animal Health, LLC. 26p.
48696201	Thomas, D. (2011) Product Chemistry Parta A Data Requirements and Part B Results Summary for Study

Nos. 11-0582 and RSM-5697. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. and BASF Corp. 8p.

48906902 Anderson, D. (2012) Determination of Dinotefuron. Project Number: 812A. Unpublished study prepared by Rainbow Treecare Scientific Advancements. 6p.

49019803 Wo, C. (2012) Spray C704: Enforcement Analytical Method for the Determination of Dinotefuran by High Pressure Liquid Chromatography. Project Number: 35151EAM. Unpublished study prepared by Eurofins/Product Safety Laboratories. 10p.

830.6302 **Color**

MRID	Citation Reference
46552701	Monro, C. (2005) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of Hartz Ref. 121. Project Number: TTEDOC/1. Unpublished study prepared by Hartz Mountain Corp. 22 p.
46581601	Sheehy, P. (2005) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of Hartz Ref. 123. Project Number: STEDOC/1. Unpublished study prepared by Hartz Mountain Corp. 21 p.
46763501	Schoenberg, P. (2005) Physical and Chemical Properties Determination Chemsico Insecticide Concentrate DT. Project Number: 05/11/01/UI. Unpublished study prepared by United Industries Corp. 10 p.
46777601	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Roach Control 5DW. Project Number: 05/09/04/UI. Unpublished study prepared by United Industries Corp. 10 p.
46783301	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Insecticide Concentrate DR. Project Number: 05/11/03/UI. Unpublished study prepared by United Industries Corp. 10 p.
46828801	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Roach Control 5DG. Project Number: 05/08/04/UI. Unpublished study prepared by United Industries Corp. 10 p.
47016801	Dorneval, L. (2006) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of SVP7. Project Number: SVP7. Unpublished study prepared by Hartz Mountain Corp. 30 p.
47187401	Dorneval, L. (2007) Storage Stability Report for TTE Double Chamber-Dinotefuran/Pyriproxifen/Permethrin - Containing Topical (Protocols CPD 2005-10 and 2005-11). Project Number: PROTOCOL/CPD/2005/10, PROTOCOL/CPD/2005/11. Unpublished study prepared by Hartz Mountain Corp. 17 p.
47814503	Carter, S. (2009) Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity, and Density/Relative Density: Dinotefuran 35SL. Project Number: P801, 27611. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18 p.
48316401	Reed, L. (2010) Physical and Chemical Characteristics of TC-329 [BAS 395 HG I]. Project Number: 10/0555. Unpublished study prepared by BASF PLC and Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
48393901	Reed, L. (2010) Physical and Chemical Characteristics of TC-271: [BAS 395 HD I]. Project Number: 2554, 10/0540. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
48427101	Johnson, L. (2010) Physical and Chemical Characteristics of Dinotefuran 10S: Final Report. Project Number: ARC/EX/845/004/P/2, ARC/EX/845/004/P/1. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 12 p.
48436002	Reitz, G. (2011) Physical and Chemical Properties of V-10276 0.088 SL Fungicide/Insecticide. Project Number: 201100052, VP/37808, V/11/37808. Unpublished study prepared by Valent U.S.A. Corporation. 40 p.

48666401 Conti, J. (2011) Product Chemistry: Summary of the Physical/Chemical Properties of SVP7 and SVP11. Project Number: CEVA/SVP11/112211, C661/2/00/E/2. Unpublished study prepared by Ceva Animal Health, LLC. 26p.

48767401 Thomas, D. (2011) Summary of the Physical/Chemical Properties (TC-320). Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 1p.

48875602 Hodge, P. (2012) Product Chemistry Part A Data Requirements and Part B Results Summary for Study No. 10-0545 for TC-294. Project Number: TC/294/1. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 8p.

48906903 Sinning, D. (2012) Physical and Chemical Characteristics of Dinotefuran Injectable: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Relative Density: Final Report. Project Number: 3580/16. Unpublished study prepared by Case Consulting Laboratories, Inc. 7p.

49019601 Wo, C. (2012) Spray C704: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Density/Relative Density. Project Number: 35152, P801. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p.

49019701 Wo, C. (2012) Spray C704: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Density/Relative Density. Project Number: 35152, P801. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p.

49019801 Wo, C. (2012) Spray C704: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Density/Relative Density. Project Number: 35152, P801. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p.

830.6303 Physical state

MRID	Citation Reference
46396302	Whittington, J. (2004) Physical and Chemical Properties of Dinotefuran 70 SG. Project Number: 200400345, V/04/28177/SC. Unpublished study prepared by Valent Dublin Laboratory. 8 p.
46396303	Whittington, J. (2004) Physical and Chemical Properties of Dinotefuran 70 SG. Project Number: 200400346, V/04/28177, V-28177. Unpublished study prepared by Valent Dublin Laboratory. 48 p.
46552701	Monro, C. (2005) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of Hartz Ref. 121. Project Number: TTEDOC/1. Unpublished study prepared by Hartz Mountain Corp. 22 p.
46581601	Sheehy, P. (2005) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of Hartz Ref. 123. Project Number: STEDOC/1. Unpublished study prepared by Hartz Mountain Corp. 21 p.
46763501	Schoenberg, P. (2005) Physical and Chemical Properties Determination Chemsico Insecticide Concentrate DT. Project Number: 05/11/01/UI. Unpublished study prepared by United Industries Corp. 10 p.
46777601	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Roach Control 5DW. Project Number: 05/09/04/UI. Unpublished study prepared by United Industries Corp. 10 p.
46783301	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Insecticide Concentrate DR. Project Number: 05/11/03/UI. Unpublished study prepared by United Industries Corp. 10 p.
46828801	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Roach Control 5DG. Project Number: 05/08/04/UI. Unpublished study prepared by United Industries Corp. 10 p.
46971501	Reed, L. (2005) Physical and Chemical Characteristics of TC-259. Project Number: 05/0337. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories Inc. 11 p.

47016801 Dorneval, L. (2006) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of SVP7. Project Number: SVP7. Unpublished study prepared by Hartz Mountain Corp. 30 p.

47139502 Whittington, J. (2007) Physical and Chemical Properties of Safari 2 G. Project Number: 31427, 200700060. Unpublished study prepared by Valent U.S.A. Corporation. 45 p.

47139503 Whittington, J. (2007) Physical and Chemical Properties of Safari 2 G. Project Number: V/07/31427, 200700071. Unpublished study prepared by Valent U.S.A. Corporation. 8 p.

47783801 Moran, H. (2009) Physical and Chemical Characteristics of TC-296. Project Number: 2330, 09/0433. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 11 p.

47814503 Carter, S. (2009) Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity, and Density/Relative Density: Dinotefuran 35SL. Project Number: P801, 27611. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18 p.

48316401 Reed, L. (2010) Physical and Chemical Characteristics of TC-329 [BAS 395 HG I]. Project Number: 10/0555. Unpublished study prepared by BASF PLC and Whitmire Micro-Gen Research Laboratories, Inc. 11 p.

48393901 Reed, L. (2010) Physical and Chemical Characteristics of TC-271: [BAS 395 HD I]. Project Number: 2554, 10/0540. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 11 p.

48427101 Johnson, L. (2010) Physical and Chemical Characteristics of Dinotefuran 10S: Final Report. Project Number: ARC/EX/845/004/P/2, ARC/EX/845/004/P/1. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 12 p.

48436002 Reitz, G. (2011) Physical and Chemical Properties of V-10276 0.088 SL Fungicide/Insecticide. Project Number: 201100052, VP/37808, V/11/37808. Unpublished study prepared by Valent U.S.A. Corporation. 40 p.

48495401 Thomas, D. (2011) TC-320: Product Chemistry Part A Data Requirements and Part B Results Summary for Study Nos. 09-0520 & 09-0521. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 10 p.

48666401 Conti, J. (2011) Product Chemistry: Summary of the Physical/Chemical Properties of SVP7 and SVP11. Project Number: CEVA/SVP11/112211, C661/2/00/E/2. Unpublished study prepared by Ceva Animal Health, LLC. 26p.

48696201 Thomas, D. (2011) Product Chemistry Part A Data Requirements and Part B Results Summary for Study Nos. 11-0582 and RSM-5697. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. and BASF Corp. 8p.

48767401 Thomas, D. (2011) Summary of the Physical/Chemical Properties (TC-320). Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 1p.

48875602 Hodge, P. (2012) Product Chemistry Part A Data Requirements and Part B Results Summary for Study No. 10-0545 for TC-294. Project Number: TC/294/1. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 8p.

48906903 Sinning, D. (2012) Physical and Chemical Characteristics of Dinotefuran Injectable: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Relative Density: Final Report. Project Number: 3580/16. Unpublished study prepared by Case Consulting Laboratories, Inc. 7p.

49019601 Wo, C. (2012) Spray C704: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Density/Relative Density. Project Number: 35152, P801. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p.

49019701 Wo, C. (2012) Spray C704: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Density/Relative Density. Project Number: 35152, P801. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p.

49019801 Wo, C. (2012) Spray C704: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Density/Relative Density. Project Number: 35152, P801. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p.

830.6304 **Odor**

MRID	Citation Reference
46552701	Monro, C. (2005) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of Hartz Ref. 121. Project Number: TTEDOC/1. Unpublished study prepared by Hartz Mountain Corp. 22 p.
46581601	Sheehy, P. (2005) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of Hartz Ref. 123. Project Number: STEDOC/1. Unpublished study prepared by Hartz Mountain Corp. 21 p.
46763501	Schoenberg, P. (2005) Physical and Chemical Properties Determination Chemsico Insecticide Concentrate DT. Project Number: 05/11/01/UI. Unpublished study prepared by United Industries Corp. 10 p.
46777601	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Roach Control 5DW. Project Number: 05/09/04/UI. Unpublished study prepared by United Industries Corp. 10 p.
46783301	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Insecticide Concentrate DR. Project Number: 05/11/03/UI. Unpublished study prepared by United Industries Corp. 10 p.
46828801	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Roach Control 5DG. Project Number: 05/08/04/UI. Unpublished study prepared by United Industries Corp. 10 p.
47016801	Dorneval, L. (2006) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of SVP7. Project Number: SVP7. Unpublished study prepared by Hartz Mountain Corp. 30 p.
47814503	Carter, S. (2009) Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity, and Density/Relative Density: Dinotefuran 35SL. Project Number: P801, 27611. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18 p.
48316401	Reed, L. (2010) Physical and Chemical Characteristics of TC-329 [BAS 395 HG I]. Project Number: 10/0555. Unpublished study prepared by BASF PLC and Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
48393901	Reed, L. (2010) Physical and Chemical Characteristics of TC-271: [BAS 395 HD I]. Project Number: 2554, 10/0540. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
48427101	Johnson, L. (2010) Physical and Chemical Characteristics of Dinotefuran 10S: Final Report. Project Number: ARC/EX/845/004/P/2, ARC/EX/845/004/P/1. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 12 p.
48436002	Reitz, G. (2011) Physical and Chemical Properties of V-10276 0.088 SL Fungicide/Insecticide. Project Number: 201100052, VP/37808, V/11/37808. Unpublished study prepared by Valent U.S.A. Corporation. 40 p.
48666401	Conti, J. (2011) Product Chemistry: Summary of the Physical/Chemical Properties of SVP7 and SVP11. Project Number: CEVA/SVP11/112211, C661/2/00/E/2. Unpublished study prepared by Ceva Animal Health, LLC. 26p.
48767401	Thomas, D. (2011) Summary of the Physical/Chemical Properties (TC-320). Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 1p.
48875602	Hodge, P. (2012) Product Chemistry Part A Data Requirements and Part B Results Summary for Study No. 10-0545 for TC-294. Project Number: TC/294/1. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 8p.

48906903 Sinning, D. (2012) Physical and Chemical Characteristics of Dinotefuran Injectable: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Relative Density: Final Report. Project Number: 3580/16. Unpublished study prepared by Case Consulting Laboratories, Inc. 7p.

49019601 Wo, C. (2012) Spray C704: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Density/Relative Density. Project Number: 35152, P801. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p.

49019701 Wo, C. (2012) Spray C704: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Density/Relative Density. Project Number: 35152, P801. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p.

49019801 Wo, C. (2012) Spray C704: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Density/Relative Density. Project Number: 35152, P801. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p.

830.6313 Stability to normal and elevated temperatures, metals, and metal ions

MRID	Citation Reference
46403801	Kaminsky, M. (2004) Metal and Ion Stability: LX-1434-04: Final Report. Project Number: 8488/04. Unpublished study prepared by Stillmeadow, Inc. 9 p.
47329801	Conti, J. (2008) Waiver Request of (SVP10). Project Number: 12508. Unpublished study prepared by Summit Vetpharm, LLC. 5 p.
47334301	Conti, J. (2008) Waiver Request: (SVP 6). Project Number: SVP6/PROD/CHEM13008. Unpublished study prepared by Summit Vetpharm, LLC. 5 p.
48767401	Thomas, D. (2011) Summary of the Physical/Chemical Properties (TC-320). Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 1p.

830.6314 Oxidizing or reducing action

MRID	Citation Reference
46396302	Whittington, J. (2004) Physical and Chemical Properties of Dinotefuran 70 SG. Project Number: 200400345, V/04/28177/SC. Unpublished study prepared by Valent Dublin Laboratory. 8 p.
46396303	Whittington, J. (2004) Physical and Chemical Properties of Dinotefuran 70 SG. Project Number: 200400346, V/04/28177, V-28177. Unpublished study prepared by Valent Dublin Laboratory. 48 p.
46552701	Monro, C. (2005) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of Hartz Ref. 121. Project Number: TTEDOC/1. Unpublished study prepared by Hartz Mountain Corp. 22 p.
46581601	Sheehy, P. (2005) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of Hartz Ref. 123. Project Number: STEDOC/1. Unpublished study prepared by Hartz Mountain Corp. 21 p.
46763501	Schoenberg, P. (2005) Physical and Chemical Properties Determination Chemsico Insecticide Concentrate DT. Project Number: 05/11/01/UI. Unpublished study prepared by United Industries Corp. 10 p.
46777601	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Roach Control 5DW. Project Number: 05/09/04/UI. Unpublished study prepared by United Industries Corp. 10 p.
46783301	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Insecticide Concentrate

DR. Project Number: 05/11/03/UI. Unpublished study prepared by United Industries Corp. 10 p.

46828801 Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Roach Control 5DG. Project Number: 05/08/04/UI. Unpublished study prepared by United Industries Corp. 10 p.

47016801 Dorneval, L. (2006) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of SVP7. Project Number: SVP7. Unpublished study prepared by Hartz Mountain Corp. 30 p.

47139502 Whittington, J. (2007) Physical and Chemical Properties of Safari 2 G. Project Number: 31427, 200700060. Unpublished study prepared by Valent U.S.A. Corporation. 45 p.

47139503 Whittington, J. (2007) Physical and Chemical Properties of Safari 2 G. Project Number: V/07/31427, 200700071. Unpublished study prepared by Valent U.S.A. Corporation. 8 p.

47814503 Carter, S. (2009) Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity, and Density/Relative Density: Dinotefuran 35SL. Project Number: P801, 27611. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18 p.

48666401 Conti, J. (2011) Product Chemistry: Summary of the Physical/Chemical Properties of SVP7 and SVP11. Project Number: CEVA/SVP11/112211, C661/2/00/E/2. Unpublished study prepared by Ceva Animal Health, LLC. 26p.

48767401 Thomas, D. (2011) Summary of the Physical/Chemical Properties (TC-320). Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 1p.

48906903 Sinning, D. (2012) Physical and Chemical Characteristics of Dinotefuran Injectable: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Relative Density: Final Report. Project Number: 3580/16. Unpublished study prepared by Case Consulting Laboratories, Inc. 7p.

49019601 Wo, C. (2012) Spray C704: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Density/Relative Density. Project Number: 35152, P801. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p.

49019701 Wo, C. (2012) Spray C704: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Density/Relative Density. Project Number: 35152, P801. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p.

49019801 Wo, C. (2012) Spray C704: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Density/Relative Density. Project Number: 35152, P801. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p.

830.6315 Flammability

MRID	Citation Reference
46552701	Monro, C. (2005) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of Hartz Ref. 121. Project Number: TTEDOC/1. Unpublished study prepared by Hartz Mountain Corp. 22 p.
46581601	Sheehy, P. (2005) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of Hartz Ref. 123. Project Number: STEDOC/1. Unpublished study prepared by Hartz Mountain Corp. 21 p.
46763501	Schoenberg, P. (2005) Physical and Chemical Properties Determination Chemsico Insecticide Concentrate DT. Project Number: 05/11/01/UI. Unpublished study prepared by United Industries Corp. 10 p.
46777601	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Roach Control 5DW. Project Number: 05/09/04/UI. Unpublished study prepared by United Industries Corp. 10 p.
46783301	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Insecticide Concentrate

DR. Project Number: 05/11/03/UI. Unpublished study prepared by United Industries Corp. 10 p.

46828801 Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Roach Control 5DG. Project Number: 05/08/04/UI. Unpublished study prepared by United Industries Corp. 10 p.

46971501 Reed, L. (2005) Physical and Chemical Characteristics of TC-259. Project Number: 05/0337. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories Inc. 11 p.

47016801 Dorneval, L. (2006) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of SVP7. Project Number: SVP7. Unpublished study prepared by Hartz Mountain Corp. 30 p.

47814503 Carter, S. (2009) Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity, and Density/Relative Density: Dinotefuran 35SL. Project Number: P801, 27611. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18 p.

48495401 Thomas, D. (2011) TC-320: Product Chemistry Part A Data Requirements and Part B Results Summary for Study Nos. 09-0520 & 09-0521. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 10 p.

48666401 Conti, J. (2011) Product Chemistry: Summary of the Physical/Chemical Properties of SVP7 and SVP11. Project Number: CEVA/SVP11/112211, C661/2/00/E/2. Unpublished study prepared by Ceva Animal Health, LLC. 26p.

48767401 Thomas, D. (2011) Summary of the Physical/Chemical Properties (TC-320). Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 1p.

48906903 Sinning, D. (2012) Physical and Chemical Characteristics of Dinotefuran Injectable: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Relative Density: Final Report. Project Number: 3580/16. Unpublished study prepared by Case Consulting Laboratories, Inc. 7p.

49019601 Wo, C. (2012) Spray C704: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Density/Relative Density. Project Number: 35152, P801. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p.

49019701 Wo, C. (2012) Spray C704: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Density/Relative Density. Project Number: 35152, P801. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p.

49019801 Wo, C. (2012) Spray C704: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Density/Relative Density. Project Number: 35152, P801. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p.

49071502 Wo, C. (2013) Ceva Vectra 3D: Physical and Chemical Characteristics: Flammability. Project Number: 36050, P801, 121026/1D. Unpublished study prepared by Eurofins/Product Safety Laboratories. 11p.

830.6316 **Exploability**

MRID	Citation Reference
46552701	Monro, C. (2005) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of Hartz Ref. 121. Project Number: TTEDOC/1. Unpublished study prepared by Hartz Mountain Corp. 22 p.
46581601	Sheehy, P. (2005) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of Hartz Ref. 123. Project Number: STEDOC/1. Unpublished study prepared by Hartz Mountain Corp. 21 p.
46763501	Schoenberg, P. (2005) Physical and Chemical Properties Determination Chemsico Insecticide Concentrate DT. Project Number: 05/11/01/UI. Unpublished study prepared by United Industries Corp. 10 p.

46777601 Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Roach Control 5DW. Project Number: 05/09/04/UI. Unpublished study prepared by United Industries Corp. 10 p.

46783301 Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Insecticide Concentrate DR. Project Number: 05/11/03/UI. Unpublished study prepared by United Industries Corp. 10 p.

46828801 Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Roach Control 5DG. Project Number: 05/08/04/UI. Unpublished study prepared by United Industries Corp. 10 p.

47016801 Dorneval, L. (2006) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of SVP7. Project Number: SVP7. Unpublished study prepared by Hartz Mountain Corp. 30 p.

48643301 Johnson, L. (2011) Flash Point of Dinotefuron 10SL: Final Report. Project Number: ARC/EX/1006/004/P/1, ARC/EX/1006. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 8p.

48666401 Conti, J. (2011) Product Chemistry: Summary of the Physical/Chemical Properties of SVP7 and SVP11. Project Number: CEVA/SVP11/112211, C661/2/00/E/2. Unpublished study prepared by Ceva Animal Health, LLC. 26p.

48696201 Thomas, D. (2011) Product Chemistry Parta A Data Requirements and Part B Results Summary for Study Nos. 11-0582 and RSM-5697. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. and BASF Corp. 8p.

48767401 Thomas, D. (2011) Summary of the Physical/Chemical Properties (TC-320). Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 1p.

830.6317 **Storage stability**

MRID	Citation Reference
46572301	Sikod, B. (2004) Dinotefuran 0.4% Granule: Storage Stability with Corrosion Characteristics: Final Report. Project Number: 7377/03. Unpublished study prepared by Stillmeadow, Inc. 14 p.
46572401	Sikod, B. (2004) Dinotefuran Total Release Fogger: Storage Stability with Corrosion Characteristics: Final Report. Project Number: 6703/01. Unpublished study prepared by Stillmeadow, Inc. 14 p.
46572501	Anderson, W. (2004) Dinotefuran Ready to Use Pump 0.5%: Storage Stability with Corrosion Characteristics: Final Report. Project Number: 6686/01. Unpublished study prepared by Stillmeadow, Inc. 14 p.
46572601	Sikod, B. (2004) Dinotefuran Fire Ant Bait: Storage Stability with Corrosion Characteristics: Final Report. Project Number: 6678/01. Unpublished study prepared by Stillmeadow, Inc. 14 p.
46581601	Sheehy, P. (2005) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of Hartz Ref. 123. Project Number: STEDOC/1. Unpublished study prepared by Hartz Mountain Corp. 21 p.
46823701	Whittington, J. (2006) Shelf-Life Storage Stability and Corrosion Characteristics of Dinotefuran 70 SG. Project Number: 200600113, V/04/28265, VAM/24C/001. Unpublished study prepared by Valent Dublin Laboratory. 57 p.
46828801	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Roach Control 5DG. Project Number: 05/08/04/UI. Unpublished study prepared by United Industries Corp. 10 p.
46850301	Cottrell, I. (2006) Interim Stability Report for TTE Topical Drops. Project Number: TTE/STABILITYDOC/1, 2005/10, 2005/11. Unpublished study prepared by The Hartz Mountain Corp. 13 p.
46907601	Dorneval, L. (2006) Stability Report for Dinotefuran - Containing Topical (STE). Project Number:

2596/155/STABILITY, CPD/2005/12. Unpublished study prepared by Hartz Mountain Corp. 11 p.

- 47022202 Sikod, B. (2004) Dinotefuran Fly Bait: Storage Stability with Corrosion Characteristics: Final Report. Project Number: 6757/01. Unpublished study prepared by Stillmeadow, Inc. 16 p.
- 47186601 Dorneval, L. (2007) Stability Report for Dinotefuran-Containing Topical (STE). Project Number: 2596/155/STABILITY, CPD/2005/12. Unpublished study prepared by Hartz Mountain Corp. 11 p.
- 47187401 Dorneval, L. (2007) Storage Stability Report for TTE Double Chamber-Dinotefuran/Pyriproxifen/Permethrin - Containing Topical (Protocols CPD 2005-10 and 2005-11). Project Number: PROTOCOL/CPD/2005/10, PROTOCOL/CPD/2005/11. Unpublished study prepared by Hartz Mountain Corp. 17 p.
- 47250701 Schoenberg, P. (2006) Container Stability Determination Real Time and Accelerated Chemical Stability: Chemsico Roach Control 5DW. Project Number: 05/09/05/UI. Unpublished study prepared by United Industries Corp. 10 p.
- 47250801 Schoenberg, P. (2006) Container Stability Determination Real Time and Accelerated Chemical Stability: Chemsico Insecticide Concentrate DT. Project Number: 05/11/02/UI. Unpublished study prepared by United Industries Corp. 10 p.
- 47308401 Reed, L. (2007) Storage Stability of Whitmire TC-249. Project Number: 06/0372, 1861. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 14 p.
- 47308703 Dorneval, L. (2007) Storage Stability Report for TTE: Single Chamber Formula (SPV7): (Protocols CPD 2006-18). Project Number: CPD/2006/18. Unpublished study prepared by Hartz Mountain Corp. 22 p.
- 47350101 Lindemann, M. (2004) Determination of the Storage Stability and Corrosion Stability of MTI-446 20% SG (Shelf Life at Room Temperature). Project Number: 796285. Unpublished study prepared by Research & Consulting Co., Ltd. 56 p.
- 47476801 Whittington, J. (2008) Shelf-Life Storage Stability and Corrosion Characteristics of Safari 2 G. Project Number: 200800176, V/07/31432, SOP/VA/032/02. Unpublished study prepared by Valent U.S.A. Corporation. 52 p.
- 47518701 Reed, L. (2007) Storage Stability and Corrosion Characteristics of Whitmire TC-267. Project Number: 06/0376. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 14 p.
- 47527101 Reed, L. (2008) Storage Stability and Corrosion Characteristics of Whitmire TC-259. Project Number: 06/0380. Unpublished study prepared by Whitmire MicroGen Research Laboratories, Inc. 14 p.
- 47592902 Frayman, O. (2007) Storage Stability Evaluation of X-6249-07. Project Number: GLP/2125, 2125A, 2125B. Unpublished study prepared by McLaughlin Gormley King Co. 16 p.
- 47687001 Frayman, O. (2008) Storage Stability Evaluation of X-6249-07. Project Number: GLP/2125. Unpublished study prepared by McLaughlin Gormley King Co. 16 p.
- 47703701 Moran, H. (2009) Storage Stability of Whitmire TC-249 (Amended Report). Project Number: 06/0372, 1861. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories Inc. 14 p.
- 47762301 Schoenberg, P. (2006) Container Stability Determination: Real Time and Accelerated Chemical Stability: Chemsico Roach Control 5DW. Project Number: 05/09/05/UI, UI/01. Unpublished study prepared by United Industries Corp. 10 p.
- 47783801 Moran, H. (2009) Physical and Chemical Characteristics of TC-296. Project Number: 2330, 09/0433. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
- 48049901 Dagit, J. (2007) Storage Stability Evaluation of X-6249-09 in Ampoules. Project Number: GLP/2107, CPT/2107. Unpublished study prepared by McLaughlin Gormley King Co. 18 p.
- 48168301 Gravelle, W. (2010) Storage Stability and Corrosion Characteristics: Dinotefuran 35SL. Project Number: P800, 27610. Unpublished study prepared by Eurofins/Product Safety Laboratories. 26 p.

48495401 Thomas, D. (2011) TC-320: Product Chemistry Part A Data Requirements and Part B Results Summary for Study Nos. 09-0520 & 09-0521. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 10 p.

48745301 Reed, L. (2011) Storage Stability and Corrosion Characteristics of TC-303 [BAS 416 HA I] [BAS 416 00 I]. Project Number: 09/0441. Unpublished study prepared by BASF PLC. 23p.

48749401 Reed, L. (2011) Storage Stability and Corrosion Characteristics of TC-271 through 12 Months [BAS 395 HD I]. Project Number: 10/0541. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 14p.

48751401 Miller, R. (2011) Storage Stability and Corrosion Characteristics of Dinotefuran 10SL: Final Report. Project Number: ARC/EX/846/015/P/1. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 36p.

48767401 Thomas, D. (2011) Summary of the Physical/Chemical Properties (TC-320). Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 1p.

48949101 Reitz, G. (2012) Shelf-Life Storage Stability and Corrosion Characteristics of V-10276 0.088 SL Fungicide/Insecticide. Project Number: VP/37810, 201200292, VA/031/04. Unpublished study prepared by Valent U.S.A. Corporation. 59p.

49049201 Reed, L. (2012) Storage Stability and Corrosion Characteristics of TC-294. Project Number: 10/0546. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 14p.

830.6319 **Miscibility**

MRID	Citation Reference
46552701	Monro, C. (2005) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of Hartz Ref. 121. Project Number: TTEDOC/1. Unpublished study prepared by Hartz Mountain Corp. 22 p.
46581601	Sheehy, P. (2005) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of Hartz Ref. 123. Project Number: STEDOC/1. Unpublished study prepared by Hartz Mountain Corp. 21 p.
48767401	Thomas, D. (2011) Summary of the Physical/Chemical Properties (TC-320). Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 1p.
49010801	Wo, C. (2012) Ceva VECTRA 3D: Miscibility. Project Number: P812, 35496. Unpublished study prepared by Product Safety Laboratories. 11p.

830.6320 **Corrosion characteristics**

MRID	Citation Reference
46572301	Sikod, B. (2004) Dinotefuran 0.4% Granule: Storage Stability with Corrosion Characteristics: Final Report. Project Number: 7377/03. Unpublished study prepared by Stillmeadow, Inc. 14 p.
46572401	Sikod, B. (2004) Dinotefuran Total Release Fogger: Storage Stability with Corrosion Characteristics: Final Report. Project Number: 6703/01. Unpublished study prepared by Stillmeadow, Inc. 14 p.
46572501	Anderson, W. (2004) Dinotefuran Ready to Use Pump 0.5%: Storage Stability with Corrosion Characteristics: Final Report. Project Number: 6686/01. Unpublished study prepared by Stillmeadow, Inc. 14 p.

46572601 Sikod, B. (2004) Dinotefuran Fire Ant Bait: Storage Stability with Corrosion Characteristics: Final Report. Project Number: 6678/01. Unpublished study prepared by Stillmeadow, Inc. 14 p.

46581601 Sheehy, P. (2005) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of Hartz Ref. 123. Project Number: STEDOC/1. Unpublished study prepared by Hartz Mountain Corp. 21 p.

46823701 Whittington, J. (2006) Shelf-Life Storage Stability and Corrosion Characteristics of Dinotefuran 70 SG. Project Number: 200600113, V/04/28265, VAM/24C/001. Unpublished study prepared by Valent Dublin Laboratory. 57 p.

46828801 Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Roach Control 5DG. Project Number: 05/08/04/UI. Unpublished study prepared by United Industries Corp. 10 p.

46850301 Cottrell, I. (2006) Interim Stability Report for TTE Topical Drops. Project Number: TTE/STABILITYDOC/1, 2005/10, 2005/11. Unpublished study prepared by The Hartz Mountain Corp. 13 p.

46907601 Dorneval, L. (2006) Stability Report for Dinotefuran - Containing Topical (STE). Project Number: 2596/155/STABILITY, CPD/2005/12. Unpublished study prepared by Hartz Mountain Corp. 11 p.

47022202 Sikod, B. (2004) Dinotefuran Fly Bait: Storage Stability with Corrosion Characteristics: Final Report. Project Number: 6757/01. Unpublished study prepared by Stillmeadow, Inc. 16 p.

47186601 Dorneval, L. (2007) Stability Report for Dinotefuran-Containing Topical (STE). Project Number: 2596/155/STABILITY, CPD/2005/12. Unpublished study prepared by Hartz Mountain Corp. 11 p.

47187401 Dorneval, L. (2007) Storage Stability Report for TTE Double Chamber-Dinotefuran/Pyriproxifen/Permethrin - Containing Topical (Protocols CPD 2005-10 and 2005-11). Project Number: PROTOCOL/CPD/2005/10, PROTOCOL/CPD/2005/11. Unpublished study prepared by Hartz Mountain Corp. 17 p.

47250701 Schoenberg, P. (2006) Container Stability Determination Real Time and Accelerated Chemical Stability: Chemsico Roach Control 5DW. Project Number: 05/09/05/UI. Unpublished study prepared by United Industries Corp. 10 p.

47250801 Schoenberg, P. (2006) Container Stability Determination Real Time and Accelerated Chemical Stability: Chemsico Insecticide Concentrate DT. Project Number: 05/11/02/UI. Unpublished study prepared by United Industries Corp. 10 p.

47308703 Dorneval, L. (2007) Storage Stability Report for TTE: Single Chamber Formula (SPV7): (Protocols CPD 2006-18). Project Number: CPD/2006/18. Unpublished study prepared by Hartz Mountain Corp. 22 p.

47350101 Lindemann, M. (2004) Determination of the Storage Stability and Corrosion Stability of MTI-446 20% SG (Shelf Life at Room Temperature). Project Number: 796285. Unpublished study prepared by Research & Consulting Co., Ltd. 56 p.

47476801 Whittington, J. (2008) Shelf-Life Storage Stability and Corrosion Characteristics of Safari 2 G. Project Number: 200800176, V/07/31432, SOP/VA/032/02. Unpublished study prepared by Valent U.S.A. Corporation. 52 p.

47518701 Reed, L. (2007) Storage Stability and Corrosion Characteristics of Whitmire TC-267. Project Number: 06/0376. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 14 p.

47527101 Reed, L. (2008) Storage Stability and Corrosion Characteristics of Whitmire TC-259. Project Number: 06/0380. Unpublished study prepared by Whitmire MicroGen Research Laboratories, Inc. 14 p.

47703701 Moran, H. (2009) Storage Stability of Whitmire TC-249 (Amended Report). Project Number: 06/0372, 1861. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories Inc. 14 p.

47762301 Schoenberg, P. (2006) Container Stability Determination: Real Time and Accelerated Chemical Stability: Chemsico Roach Control 5DW. Project Number: 05/09/05/UI, UI/01. Unpublished study prepared by United

Industries Corp. 10 p.

47783801 Moran, H. (2009) Physical and Chemical Characteristics of TC-296. Project Number: 2330, 09/0433. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 11 p.

48168301 Gravelle, W. (2010) Storage Stability and Corrosion Characteristics: Dinotefuran 35SL. Project Number: P800, 27610. Unpublished study prepared by Eurofins/Product Safety Laboratories. 26 p.

48745301 Reed, L. (2011) Storage Stability and Corrosion Characteristics of TC-303 [BAS 416 HA I] [BAS 416 00 I]. Project Number: 09/0441. Unpublished study prepared by BASF PLC. 23p.

48749401 Reed, L. (2011) Storage Stability and Corrosion Characteristics of TC-271 through 12 Months [BAS 395 HD I]. Project Number: 10/0541. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 14p.

48751401 Miller, R. (2011) Storage Stability and Corrosion Characteristics of Dinotefuran 10SL: Final Report. Project Number: ARC/EX/846/015/P/1. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 36p.

48767401 Thomas, D. (2011) Summary of the Physical/Chemical Properties (TC-320). Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 1p.

48949101 Reitz, G. (2012) Shelf-Life Storage Stability and Corrosion Characteristics of V-10276 0.088 SL Fungicide/Insecticide. Project Number: VP/37810, 201200292, VA/031/04. Unpublished study prepared by Valent U.S.A. Corporation. 59p.

49049201 Reed, L. (2012) Storage Stability and Corrosion Characteristics of TC-294. Project Number: 10/0546. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 14p.

830.6321 Dielectric breakdown voltage

MRID	Citation Reference
46581601	Sheehy, P. (2005) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of Hartz Ref. 123. Project Number: STEDOC/1. Unpublished study prepared by Hartz Mountain Corp. 21 p.
48767401	Thomas, D. (2011) Summary of the Physical/Chemical Properties (TC-320). Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 1p.

830.7000 pH

MRID	Citation Reference
46396302	Whittington, J. (2004) Physical and Chemical Properties of Dinotefuran 70 SG. Project Number: 200400345, V/04/28177/SC. Unpublished study prepared by Valent Dublin Laboratory. 8 p.
46396303	Whittington, J. (2004) Physical and Chemical Properties of Dinotefuran 70 SG. Project Number: 200400346, V/04/28177, V-28177. Unpublished study prepared by Valent Dublin Laboratory. 48 p.
46552701	Monro, C. (2005) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of Hartz Ref. 121. Project Number: TTEDOC/1. Unpublished study prepared by Hartz Mountain Corp. 22 p.
46581601	Sheehy, P. (2005) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of Hartz Ref. 123. Project Number: STEDOC/1. Unpublished study prepared by Hartz Mountain Corp. 21 p.
46763501	Schoenberg, P. (2005) Physical and Chemical Properties Determination Chemsico Insecticide Concentrate

DT. Project Number: 05/11/01/UI. Unpublished study prepared by United Industries Corp. 10 p.

- 46777601 Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Roach Control 5DW. Project Number: 05/09/04/UI. Unpublished study prepared by United Industries Corp. 10 p.
- 46783301 Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Insecticide Concentrate DR. Project Number: 05/11/03/UI. Unpublished study prepared by United Industries Corp. 10 p.
- 46828801 Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Roach Control 5DG. Project Number: 05/08/04/UI. Unpublished study prepared by United Industries Corp. 10 p.
- 46971501 Reed, L. (2005) Physical and Chemical Characteristics of TC-259. Project Number: 05/0337. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories Inc. 11 p.
- 47016801 Dorneval, L. (2006) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of SVP7. Project Number: SVP7. Unpublished study prepared by Hartz Mountain Corp. 30 p.
- 47139502 Whittington, J. (2007) Physical and Chemical Properties of Safari 2 G. Project Number: 31427, 200700060. Unpublished study prepared by Valent U.S.A. Corporation. 45 p.
- 47139503 Whittington, J. (2007) Physical and Chemical Properties of Safari 2 G. Project Number: V/07/31427, 200700071. Unpublished study prepared by Valent U.S.A. Corporation. 8 p.
- 47783801 Moran, H. (2009) Physical and Chemical Characteristics of TC-296. Project Number: 2330, 09/0433. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
- 47814503 Carter, S. (2009) Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity, and Density/Relative Density: Dinotefuran 35SL. Project Number: P801, 27611. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18 p.
- 48316401 Reed, L. (2010) Physical and Chemical Characteristics of TC-329 [BAS 395 HG I]. Project Number: 10/0555. Unpublished study prepared by BASF PLC and Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
- 48393901 Reed, L. (2010) Physical and Chemical Characteristics of TC-271: [BAS 395 HD I]. Project Number: 2554, 10/0540. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
- 48427101 Johnson, L. (2010) Physical and Chemical Characteristics of Dinotefuran 10S: Final Report. Project Number: ARC/EX/845/004/P/2, ARC/EX/845/004/P/1. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 12 p.
- 48436002 Reitz, G. (2011) Physical and Chemical Properties of V-10276 0.088 SL Fungicide/Insecticide. Project Number: 201100052, VP/37808, V/11/37808. Unpublished study prepared by Valent U.S.A. Corporation. 40 p.
- 48495401 Thomas, D. (2011) TC-320: Product Chemistry Part A Data Requirements and Part B Results Summary for Study Nos. 09-0520 & 09-0521. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 10 p.
- 48666401 Conti, J. (2011) Product Chemistry: Summary of the Physical/Chemical Properties of SVP7 and SVP11. Project Number: CEVA/SVP11/112211, C661/2/00/E/2. Unpublished study prepared by Ceva Animal Health, LLC. 26p.
- 48696201 Thomas, D. (2011) Product Chemistry Part A Data Requirements and Part B Results Summary for Study Nos. 11-0582 and RSM-5697. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. and BASF Corp. 8p.
- 48767401 Thomas, D. (2011) Summary of the Physical/Chemical Properties (TC-320). Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 1p.
- 48875602 Hodge, P. (2012) Product Chemistry Part A Data Requirements and Part B Results Summary for Study No. 10-0545 for TC-294. Project Number: TC/294/1. Unpublished study prepared by Whitmire Micro-Gen

Research Laboratories, Inc. 8p.

48906903 Sinning, D. (2012) Physical and Chemical Characteristics of Dinotefuran Injectable: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Relative Density: Final Report. Project Number: 3580/16. Unpublished study prepared by Case Consulting Laboratories, Inc. 7p.

49010802 Wo, C. (2012) Ceva VECTRA 3D: Physical and Chemical Characteristics: pH. Project Number: P801, 35495. Unpublished study prepared by Product Safety Laboratories. 12p.

49019601 Wo, C. (2012) Spray C704: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Density/Relative Density. Project Number: 35152, P801. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p.

49019701 Wo, C. (2012) Spray C704: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Density/Relative Density. Project Number: 35152, P801. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p.

49019801 Wo, C. (2012) Spray C704: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Density/Relative Density. Project Number: 35152, P801. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p.

49071501 Wo, C. (2012) Ceva Vectra 3D: Physical and Chemical Characteristics: pH. Project Number: 35495, P801, 121026/1D. Unpublished study prepared by Eurofins/Product Safety Laboratories. 12p.

830.7050 UV/Visible absorption

MRID	Citation Reference
47016801	Dorneval, L. (2006) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of SVP7. Project Number: SVP7. Unpublished study prepared by Hartz Mountain Corp. 30 p.
47329801	Conti, J. (2008) Waiver Request of (SVP10). Project Number: 12508. Unpublished study prepared by Summit Vetpharm, LLC. 5 p.
47334301	Conti, J. (2008) Waiver Request: (SVP 6). Project Number: SVP6/PROD/CHEM13008. Unpublished study prepared by Summit Vetpharm, LLC. 5 p.
48666401	Conti, J. (2011) Product Chemistry: Summary of the Physical/Chemical Properties of SVP7 and SVP11. Project Number: CEVA/SVP11/112211, C661/2/00/E/2. Unpublished study prepared by Ceva Animal Health, LLC. 26p.

830.7100 Viscosity

MRID	Citation Reference
46552701	Monro, C. (2005) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of Hartz Ref. 121. Project Number: TTEDOC/1. Unpublished study prepared by Hartz Mountain Corp. 22 p.
46581601	Sheehy, P. (2005) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of Hartz Ref. 123. Project Number: STEDOC/1. Unpublished study prepared by Hartz Mountain Corp. 21 p.
46763501	Schoenberg, P. (2005) Physical and Chemical Properties Determination Chemsico Insecticide Concentrate DT. Project Number: 05/11/01/UI. Unpublished study prepared by United Industries Corp. 10 p.
46777601	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Roach Control 5DW.

Project Number: 05/09/04/UI. Unpublished study prepared by United Industries Corp. 10 p.

- 46783301 Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Insecticide Concentrate DR. Project Number: 05/11/03/UI. Unpublished study prepared by United Industries Corp. 10 p.
- 46828801 Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Roach Control 5DG. Project Number: 05/08/04/UI. Unpublished study prepared by United Industries Corp. 10 p.
- 46971501 Reed, L. (2005) Physical and Chemical Characteristics of TC-259. Project Number: 05/0337. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories Inc. 11 p.
- 47016801 Dorneval, L. (2006) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of SVP7. Project Number: SVP7. Unpublished study prepared by Hartz Mountain Corp. 30 p.
- 47783801 Moran, H. (2009) Physical and Chemical Characteristics of TC-296. Project Number: 2330, 09/0433. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
- 47814503 Carter, S. (2009) Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity, and Density/Relative Density: Dinotefuran 35SL. Project Number: P801, 27611. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18 p.
- 48316401 Reed, L. (2010) Physical and Chemical Characteristics of TC-329 [BAS 395 HG I]. Project Number: 10/0555. Unpublished study prepared by BASF PLC and Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
- 48427101 Johnson, L. (2010) Physical and Chemical Characteristics of Dinotefuran 10S: Final Report. Project Number: ARC/EX/845/004/P/2, ARC/EX/845/004/P/1. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 12 p.
- 48436002 Reitz, G. (2011) Physical and Chemical Properties of V-10276 0.088 SL Fungicide/Insecticide. Project Number: 201100052, VP/37808, V/11/37808. Unpublished study prepared by Valent U.S.A. Corporation. 40 p.
- 48495401 Thomas, D. (2011) TC-320: Product Chemistry Part A Data Requirements and Part B Results Summary for Study Nos. 09-0520 & 09-0521. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 10 p.
- 48666401 Conti, J. (2011) Product Chemistry: Summary of the Physical/Chemical Properties of SVP7 and SVP11. Project Number: CEVA/SVP11/112211, C661/2/00/E/2. Unpublished study prepared by Ceva Animal Health, LLC. 26p.
- 48767401 Thomas, D. (2011) Summary of the Physical/Chemical Properties (TC-320). Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 1p.
- 48906903 Sinning, D. (2012) Physical and Chemical Characteristics of Dinotefuran Injectable: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Relative Density: Final Report. Project Number: 3580/16. Unpublished study prepared by Case Consulting Laboratories, Inc. 7p.
- 49019601 Wo, C. (2012) Spray C704: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Density/Relative Density. Project Number: 35152, P801. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p.
- 49019701 Wo, C. (2012) Spray C704: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Density/Relative Density. Project Number: 35152, P801. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p.
- 49019801 Wo, C. (2012) Spray C704: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Density/Relative Density. Project Number: 35152, P801. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p.

830.7220 Boiling point/boiling range

MRID	Citation Reference
47329801	Conti, J. (2008) Waiver Request of (SVP10). Project Number: 12508. Unpublished study prepared by Summit Vetpharm, LLC. 5 p.
47334301	Conti, J. (2008) Waiver Request: (SVP 6). Project Number: SVP6/PROD/CHEM13008. Unpublished study prepared by Summit Vetpharm, LLC. 5 p.

830.7300 Density/relative density

MRID	Citation Reference
46396302	Whittington, J. (2004) Physical and Chemical Properties of Dinotefuran 70 SG. Project Number: 200400345, V/04/28177/SC. Unpublished study prepared by Valent Dublin Laboratory. 8 p.
46396303	Whittington, J. (2004) Physical and Chemical Properties of Dinotefuran 70 SG. Project Number: 200400346, V/04/28177, V-28177. Unpublished study prepared by Valent Dublin Laboratory. 48 p.
46552701	Monro, C. (2005) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of Hartz Ref. 121. Project Number: TTEDOC/1. Unpublished study prepared by Hartz Mountain Corp. 22 p.
46581601	Sheehy, P. (2005) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of Hartz Ref. 123. Project Number: STEDOC/1. Unpublished study prepared by Hartz Mountain Corp. 21 p.
46763501	Schoenberg, P. (2005) Physical and Chemical Properties Determination Chemsico Insecticide Concentrate DT. Project Number: 05/11/01/UI. Unpublished study prepared by United Industries Corp. 10 p.
46777601	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Roach Control 5DW. Project Number: 05/09/04/UI. Unpublished study prepared by United Industries Corp. 10 p.
46783301	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Insecticide Concentrate DR. Project Number: 05/11/03/UI. Unpublished study prepared by United Industries Corp. 10 p.
46828801	Schoenberg, P. (2005) Physical and Chemical Properties Determination: Chemsico Roach Control 5DG. Project Number: 05/08/04/UI. Unpublished study prepared by United Industries Corp. 10 p.
46971501	Reed, L. (2005) Physical and Chemical Characteristics of TC-259. Project Number: 05/0337. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories Inc. 11 p.
47016801	Dorneval, L. (2006) Product Chemistry Requirements: Summary of the Physical/Chemical Properties of SVP7. Project Number: SVP7. Unpublished study prepared by Hartz Mountain Corp. 30 p.
47139502	Whittington, J. (2007) Physical and Chemical Properties of Safari 2 G. Project Number: 31427, 200700060. Unpublished study prepared by Valent U.S.A. Corporation. 45 p.
47139503	Whittington, J. (2007) Physical and Chemical Properties of Safari 2 G. Project Number: V/07/31427, 200700071. Unpublished study prepared by Valent U.S.A. Corporation. 8 p.
47783801	Moran, H. (2009) Physical and Chemical Characteristics of TC-296. Project Number: 2330, 09/0433. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 11 p.
47814503	Carter, S. (2009) Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity, and Density/Relative Density: Dinotefuran 35SL. Project Number: P801, 27611. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18 p.

48316401 Reed, L. (2010) Physical and Chemical Characteristics of TC-329 [BAS 395 HG I]. Project Number: 10/0555. Unpublished study prepared by BASF PLC and Whitmire Micro-Gen Research Laboratories, Inc. 11 p.

48393901 Reed, L. (2010) Physical and Chemical Characteristics of TC-271: [BAS 395 HD I]. Project Number: 2554, 10/0540. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 11 p.

48427101 Johnson, L. (2010) Physical and Chemical Characteristics of Dinotefuran 10S: Final Report. Project Number: ARC/EX/845/004/P/2, ARC/EX/845/004/P/1. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 12 p.

48436002 Reitz, G. (2011) Physical and Chemical Properties of V-10276 0.088 SL Fungicide/Insecticide. Project Number: 201100052, VP/37808, V/11/37808. Unpublished study prepared by Valent U.S.A. Corporation. 40 p.

48495401 Thomas, D. (2011) TC-320: Product Chemistry Part A Data Requirements and Part B Results Summary for Study Nos. 09-0520 & 09-0521. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 10 p.

48666401 Conti, J. (2011) Product Chemistry: Summary of the Physical/Chemical Properties of SVP7 and SVP11. Project Number: CEVA/SVP11/112211, C661/2/00/E/2. Unpublished study prepared by Ceva Animal Health, LLC. 26p.

48696201 Thomas, D. (2011) Product Chemistry Parta A Data Requirements and Part B Results Summary for Study Nos. 11-0582 and RSM-5697. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. and BASF Corp. 8p.

48767401 Thomas, D. (2011) Summary of the Physical/Chemical Properties (TC-320). Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 1p.

48875602 Hodge, P. (2012) Product Chemistry Part A Data Requirements and Part B Results Summary for Study No. 10-0545 for TC-294. Project Number: TC/294/1. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 8p.

48906903 Sinning, D. (2012) Physical and Chemical Characteristics of Dinotefuran Injectable: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Relative Density: Final Report. Project Number: 3580/16. Unpublished study prepared by Case Consulting Laboratories, Inc. 7p.

49019601 Wo, C. (2012) Spray C704: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Density/Relative Density. Project Number: 35152, P801. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p.

49019701 Wo, C. (2012) Spray C704: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Density/Relative Density. Project Number: 35152, P801. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p.

49019801 Wo, C. (2012) Spray C704: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity and Density/Relative Density. Project Number: 35152, P801. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p.

830.7370 **Dissociation constants in water**

MRID	Citation Reference
47329801	Conti, J. (2008) Waiver Request of (SVP10). Project Number: 12508. Unpublished study prepared by Summit Vetpharm, LLC. 5 p.
47334301	Conti, J. (2008) Waiver Request: (SVP 6). Project Number: SVP6/PROD/CHEM13008. Unpublished study

prepared by Summit Vetpharm, LLC. 5 p.

830.7550 Partition coefficient (n-octanol/water), shake flask method

MRID	Citation Reference
47329801	Conti, J. (2008) Waiver Request of (SVP10). Project Number: 12508. Unpublished study prepared by Summit Vetpharm, LLC. 5 p.
47334301	Conti, J. (2008) Waiver Request: (SVP 6). Project Number: SVP6/PROD/CHEM13008. Unpublished study prepared by Summit Vetpharm, LLC. 5 p.

830.7840 Water solubility: Column elution method, shake flask method

MRID	Citation Reference
47329801	Conti, J. (2008) Waiver Request of (SVP10). Project Number: 12508. Unpublished study prepared by Summit Vetpharm, LLC. 5 p.
47334301	Conti, J. (2008) Waiver Request: (SVP 6). Project Number: SVP6/PROD/CHEM13008. Unpublished study prepared by Summit Vetpharm, LLC. 5 p.

830.7950 Vapor pressure

MRID	Citation Reference
47329801	Conti, J. (2008) Waiver Request of (SVP10). Project Number: 12508. Unpublished study prepared by Summit Vetpharm, LLC. 5 p.
47334301	Conti, J. (2008) Waiver Request: (SVP 6). Project Number: SVP6/PROD/CHEM13008. Unpublished study prepared by Summit Vetpharm, LLC. 5 p.

835.4300 Aerobic aquatic metabolism

MRID	Citation Reference
48680002	Button, S. (2011) Dinotefuran: Aerobic and Anaerobic Aquatic Metabolism: Final Report. Project Number: MCW0008. Unpublished study prepared by Huntingdon Life Sciences, Ltd. 99p.

835.4400 Anaerobic aquatic metabolism

MRID	Citation Reference
48680002	Button, S. (2011) Dinotefuran: Aerobic and Anaerobic Aquatic Metabolism: Final Report. Project Number: MCW0008. Unpublished study prepared by Huntingdon Life Sciences, Ltd. 99p.

835.6100 Terrestrial field dissipation

MRID	Citation Reference
48680003	MacGregor, J.; Nixon, W. (2011) Evaluation of the Freezer Storage Stability of Dinotefuran and its UF, DN and MNG Metabolites in Water, Sediment and Soil. Project Number: 236C/168. Unpublished study prepared by Wildlife International, Ltd. 94p.

835.6200 Aquatic field dissipation

MRID	Citation Reference
48680003	MacGregor, J.; Nixon, W. (2011) Evaluation of the Freezer Storage Stability of Dinotefuran and its UF, DN and MNG Metabolites in Water, Sediment and Soil. Project Number: 236C/168. Unpublished study prepared by Wildlife International, Ltd. 94p.
48680004	Hummel, R. (2011) Aquatic Field Dissipation of Residues following Application of Dinotefuran to Water: Amendment No. 1 to the Final Report. Project Number: 43421A060. Unpublished study prepared by Landis International, Inc. 180p.

850.1350 Mysid chronic toxicity test

MRID	Citation Reference
48680006	Claude, M.; Kendall, T.; Gallagher, S. et al. (2011) Dinotefuran: A Flow-Through Life-Cycle Toxicity Test with the Saltwater Mysid (<i>Americamysis bahia</i>): Final Report. Project Number: 236A/141B. Unpublished study prepared by Wildlife International, Ltd. 121p.

850.2100 Avian acute oral toxicity test

MRID	Citation Reference
47353601	Gallagher, S.; Beavers, J. (2007) MTI-446 Technical: An Acute Oral Toxicity Study with the Northern Bobwhite. Project Number: 236/127A. Unpublished study prepared by Wildlife International, Ltd. 34 p.

850.3040 Field testing for pollinators

MRID	Citation Reference
47688101	Hummel, R. (2009) Field Evaluation of Foraging Honey Bees (<i>Apis mellifera</i>) and Hives after Exposure to Dinotefuran Applied to Cotton. Project Number: 43421F008. Unpublished study prepared by Landis International, Inc. 44 p.
48120501	Hummel, R. (2010) Field Evaluation of Foraging Honey Bees (<i>Apis mellifera</i>) and Hives After Exposure to Dinotefuran Applied to Cotton. Project Number: 43421F008. Unpublished study prepared by Landis

International, Inc. 173 p.

48739301 Hummel, R. (2012) Field Evaluation of Foraging Honey Bees (*Apis mellifera*) and Hives after Exposure to Dinotefuran Applied to Cotton: Final Report. Project Number: 43421F008/OCR, 236C/158, 236C/161. Unpublished study prepared by Landis International, Inc. and Wildlife International, Ltd. 276p.

860.1340 **Residue analytical method**

MRID	Citation Reference
46758701	Airs, D. (2006) Compound MTI-446: Validation of the Methods of Analysis for Determining Concentrations of MTI-446 and its Two Metabolites, DN and UF in Bovine Tissues and Milk and Eggs from Hens: Amended Final Report. Project Number: MTU/250/024447. Unpublished study prepared by Huntingdon Life Sciences, Ltd. 173 p.
48120503	MacGregor, J.; Nixon, W. (2009) Laboratory Validation of Methods for the Analysis of Dinotefuran in Nectar, Honey, Beeswax and Pollen Obtained from Hives of Bees Foraging in Cotton. Project Number: 236C/156. Unpublished study prepared by Wildlife International, Ltd. 63 p.
48654301	Nixon, W. (2011) Response to the Data Evaluation Record on the Laboratory Validation of Methods for the Analysis of Dinotefuran in Cotton Nectar, Honey, Beeswax, and Pollen Obtained from Hives of Bees Foraging in Cotton. Project Number: 263C/156. Unpublished study prepared by Wildlife International, Ltd. 8p.
48680301	MacGregor, J.; Nixon, W. (2010) Laboratory Validation of Methods for the Analysis of Dinotefuran and its Metabolites UP and DN in Rice Grain, Straw, Bran and Hulls. Project Number: 236C/162. Unpublished study prepared by Wildlife International, Ltd. 78p.
48882201	Chafey, K.; Nixon, W. (2011) Validation of Methods for the Analysis of Dinotefuran in/on Representative Substrates in Food Handling Establishments(Butter, Meat, Lettuce, Peaches, Bread, Milk, Pie, Candy, Flour and Aluminum Foil). Project Number: 465C/102, 465/102110/FAT/MV/SUB465. Unpublished study prepared by Wildlife International, Ltd. 71p.

860.1380 **Storage stability data**

MRID	Citation Reference
48120502	MacGregor, J.; Nixon, W. (2010) Evaluation of the Freezer Storage Stability of Dinotefuran in Cotton Nectar, Honey, Beeswax and Pollen. Project Number: 236C/157. Unpublished study prepared by Wildlife International, Ltd. 64 p.
48654302	Nixon, W. (2011) Response to the Data Evaluation Record on the Evaluation of the Freezer Storage Stability of Dinotefuran in Cotton Nectar, Honey, Beeswax and Pollen: Final Report. Project Number: 236C/157. Unpublished study prepared by Wildlife International, Ltd. 17p.
48680302	MacGregor, J.; Nixon, W. (2011) Evaluation of the Freezer Storage Stability of Dinotefuran and its Metabolites UF and DN in Rice Grain, Straw, Hulls and Bran. Project Number: 236C/163. Unpublished study prepared by Wildlife International, Ltd. 83p.
48882202	Chafey, K.; Nixon, W. (2011) Evaluation of the Freezer Storage Stability of Dinotefuran in/on Representative Substrates in Food Handling Establishments (Butter, Meat, Lettuce, Peaches, Bread, Milk, Pie, Candy, Fluor and Aluminum Foil). Project Number: 465C/103, 465/102110/FAT/SS/SUB465. Unpublished study prepared by Wildlife International, Ltd. 56p.

860.1460 Food handling

MRID	Citation Reference
48707102	Hummel, R. (1900) Residue in Food Commodities following Application of a Pressurized Liquid (Aerosol) Formulation of Dinotefuran as a Crack and Crevice Treatment, Spot Treatment and General Treatment in a Simulated Food Handling Establishment. Project Number: 41721A006, 860/1460/10/417/21S/06. Unpublished study prepared by Landis International, Inc. 151p.

860.1500 Crop field trials

MRID	Citation Reference
46895901	Stearns, J. (2006) Magnitude of the Residues of Dinotefuran in Cherry Tomatoes. Project Number: V/28978, 200600167, 28978. Unpublished study prepared by Valent Dublin Laboratory, Wildlife International, Ltd. and Excel Research Services, Inc. 160 p.
47080301	Stearns, J. (2007) Magnitude of the Residues of Dinotefuran in Cherry Tomatoes. Project Number: V/28978, V/05/28978. Unpublished study prepared by Valent Dublin Laboratory and Wildlife International, Ltd. 161 p.
47545401	Hattermann, D.; Leonard, R.; Holt, S. (2008) Dinotefuron: Magnitude of the Residue on Mustard Greens. Project Number: 08626, 08626/03/FLR03, 0826/03/CA50. Unpublished study prepared by Interregional Research Project No. 4, University of Florida, and University of Maryland/LESREC. 258 p.
47814401	Stearns, J. (2007) Magnitude of the Residues of Dinotefuran on Tomatoes. Project Number: V/06/30816, 263C/115, V/30816. Unpublished study prepared by Valent Dublin Laboratory and Wildlife International, Ltd. 244 p.
48460101	Samoil, K. (2010) Dinotefuran: Magnitude of the Residue on Cranberry. Project Number: 09832, 09832/08/MIR03, 09832/08/MA02. Unpublished study prepared by Interregional Research Project No. 4, University of Massachusetts and University of Wisconsin. 256 p.
48460102	Leonard, R. (2010) Dinotefuron: Magnitude of the Residue on Onion (Green). Project Number: 09550, 09550/06/FLR03, 09550/06/SC/06. Unpublished study prepared by Interregional Research Project No. 4, University of Florida and U.S. Dept. of Agric., Agric. Res. Service. 196 p.
48460103	Leonard, R. (2010) Dinotefuran: Magnitude of the Residue on Onion (Dry Bulb). Project Number: 08645, 08645/07/MIR07, 08645/07/NY25. Unpublished study prepared by Interregional Research Project No. 4, University of Wisconsin and Cornell University. 316 p.
48460104	Dorschner, K. (2011) Dinotefuran: Magnitude of the Residue on Watercress: Amended Report. Project Number: 09514, 09514/06/FLR04, 09514/06/FL22. Unpublished study prepared by Interregional Research Project No. 4, University of Florida and Florida Pesticide Research, Inc. 201 p.
48460105	Dorschner, K. (2011) Dinotefuran: Magnitude of the Residue on Peach. Project Number: 09548, 09548/07/MIR18, 09548/07/NY24. Unpublished study prepared by Interregional Research Project No. 4, Michigan State College and Reality Research. 352 p.
48680303	Hummel, R. (2011) Raw Agricultural Commodity (RAC Residue) Evaluation of Dinotefuran Applied to Rice - Pilot Study. Project Number: 43406A031, 860/1500/07/434/06C/27. Unpublished study prepared by Landis International, Inc. 145p.
48680304	Hummel, R. (2011) Raw Agricultural Commodity (RAC) Evaluation of Dinotefuran 20 SG Applied to Rice.

Project Number: 43406A059. Unpublished study prepared by Landis International, Inc. 158p.

48680305 Hummel, R. (2011) Raw Agricultural Commodity (RAC) Evaluation of Dinotefuran 20 SG Applied to Rice. Project Number: 43406A058. Unpublished study prepared by Landis International, Inc. 92p.

860.1520 Processed food/feed

MRID	Citation Reference
48680307	Hummel, R. (2011) Processed Commodity (PC) Evaluation of Dinotefuran Applied to Rice. Project Number: 43406A061. Unpublished study prepared by Landis International, Inc. 119p.
48680308	Landis, W. (2011) Study Profile for Dinotefuran 20% Water Soluble Granule. Project Number: 43406A061. Unpublished study prepared by Landis International, Inc. 14p.

870.1100 Acute oral toxicity

MRID	Citation Reference
46396304	Creek, M. (2004) Acute Toxicity Bridging Request for Dinotefuran 70 SG. Project Number: 200400347, VP/28302. Unpublished study prepared by Valent U.S.A. Corporation. 4 p.
46396305	Rodabaugh, D. (2004) An Acute Oral Toxicity Study in Rats with Dinotefuran 75 SG (Up/Down Study Design). Project Number: 200400153, VP/27043, 3548/95. Unpublished study prepared by Charles River Laboratories, Inc. 48 p.
46552702	Merkel, D. (2005) Acute Oral Toxicity (Up and Down Procedure) of Hartz TTE (Samples 12516/12517) (in Rats). Project Number: 16390, P320/UDP, 1771. Unpublished study prepared by Product Safety Laboratories. 15 p.
46581602	Durando, J. (2005) Acute Oral Toxicity (Up and Down Procedure) of Hartz STE (Sample 12563). Project Number: 1790, 16894, P320/UDP. Unpublished study prepared by Product Safety Laboratories. 14 p.
46763504	Moore, G. (2006) Acute Oral Toxicity Up and Down Procedure in Rats: 2% Dinotefuran LF Concentrate. Project Number: 18425, P320/UDP. Unpublished study prepared by Product Safety Laboratories. 14 p.
46777604	Durando, J. (2005) Acute Oral Toxicity Up and Down Procedure in Rats: 1% Dinotefuran Gel. Project Number: P320/UDP, 18019. Unpublished study prepared by Product Safety Laboratories. 14 p.
46971502	Durando, J. (2006) Acute Oral Toxicity Up and Down Procedure in Rats: TC-259. Project Number: 19520, P320/UDP/WMG, 1795. Unpublished study prepared by Product Safety Laboratories. 15 p.
47009301	Lowe, C. (2006) TC-271: Acute Oral Toxicity Up and Down Procedure in Rats. Project Number: 19764, P320/UDP/WMG, 1821. Unpublished study prepared by Product Safety Laboratories. 15 p.
47043701	Conti, J. (2006) Acute Inhalation Toxicity Waivers and Acute Toxicity Bridging: (SVP7). Project Number: SVP7/ACUTE. Unpublished study prepared by Summit Vetpharm, LLC. 29 p.
47050903	Conti, J. (2007) Acute Inhalation Toxicity Waiver and Acute Toxicity Bridging: (SVP8). Project Number: SVP8/ACUTE/WAV/BRG. Unpublished study prepared by Summit VetPharm, LLC. 73 p.
47050905	Durando, J. (2005) Acute Oral Toxicity (Up and Down Procedure) of Hartz DTE (Sample 12722). Project Number: 18168, 1825, P320/UDP. Unpublished study prepared by Product Safety Laboratories. 14 p.
47104802	Lowe, C. (2007) TC 267: Acute Oral Toxicity Up and Down Procedure in Rats. Project Number: 20834, 1953, P320/UDP/WMG. Unpublished study prepared by Product Safety Laboratories. 15 p.

47139504 Creek, M. (2007) Justification for Waiving Acute Toxicity Data for Safari 2 G, a Granular Pesticide Product. Project Number: MRC/2007/003, 200700088. Unpublished study prepared by Valent U.S.A. Corporation. 4 p.

47197001 Lowe, C. (2007) Acute Oral Toxicity Up and Down Procedure in Rats: X-6276-07. Project Number: 21553, P320/UDP. Unpublished study prepared by Product Safety Laboratories. 16 p.

47199102 Durando, J. (2007) X-6249-07: Acute Oral Toxicity Up and Down Procedure in Rats. Project Number: 21485, P320/UDP. Unpublished study prepared by Product Safety Laboratories. 14 p.

47783802 Moore, G. (2009) Acute Oral Toxicity Up and Down Procedure in Rats: (TC-295 Alt). Project Number: 26984, P320/UDP/WMG, 090216/48R. Unpublished study prepared by Product Safety Laboratories. 15 p.

47814504 Oley, S. (2009) Acute Oral Toxicity Up And Down Procedure in Rats: Dinotefuran 35SL. Project Number: P320/UDP, 27612. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16 p.

47879002 Durando, J. (2009) TC-298: Acute Oral Toxicity Up and Down Procedure in Rats. Project Number: P320/UDP/WMG, 27377, 090414/3R. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16 p.

48427102 Kuhn, J. (2011) Acute Oral Toxicity Study (UDP) in Rats: Dinotefuran 10% SL: Final Report . Project Number: 14585/10. Unpublished study prepared by Stillmeadow, Inc. 11 p.

48436003 Lowe, C. (2011) (V-10276 0.088 SL Insecticide/Fungicide): Acute Oral Toxicity Up and Down Procedure in Rats. Project Number: 31027, VP/37707, P320/UDP. Unpublished study prepared by Eurofins/Product Safety Laboratories. 27 p.

48495402 Durando, J. (2010) TC-320: Acute Oral Toxicity Up and Down Procedure in Rats. Project Number: P320/UDP/WMG, 29335. Unpublished study prepared by Eurofins/Product Safety Laboratories. 15 p.

48696202 Lowe, C. (2011) Acute Oral Toxicity Up and Down Procedure in Rats: TC-315. Project Number: P320/UDP, 31850, 2937. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16p.

49019808 Durando, J. (2012) Spray C704: Acute Oral Toxicity Up and Down Procedure in Rats. Project Number: P320/UDP, 35153. Unpublished study prepared by Product Safety Laboratories. 14p.

870.1200 Acute dermal toxicity

MRID	Citation Reference
46396304	Creek, M. (2004) Acute Toxicity Bridging Request for Dinotefuran 70 SG. Project Number: 200400347, VP/28302. Unpublished study prepared by Valent U.S.A. Corporation. 4 p.
46396306	Rodabaugh, D. (2004) An Acute Dermal Toxicity Study in Rats With Dinotefuran 75 SG. Project Number: 200400154, VP/27051, 3548/96. Unpublished study prepared by Charles River Laboratories, Inc. 57 p.
46552703	Merkel, D. (2005) Acute Dermal Toxicity of Hartz TTE (Samples 12516/12517) (in Rats). Project Number: 16931, 1774, P322. Unpublished study prepared by Product Safety Laboratories. 14 p.
46581603	Durando, J. (2005) Acute Dermal Toxicity of Hartz STE (Sample 12563). Project Number: 1793, 16895, P322. Unpublished study prepared by Product Safety Laboratories. 14 p.
46763505	Moore, G. (2006) Acute Dermal Toxicity Study in Rats - Limit Test: 2% Dinotefuran LF Concentrate. Project Number: 18426, P322. Unpublished study prepared by Product Safety Laboratories. 14 p.
46777605	Durando, J. (2005) Acute Dermal Toxicity Study in Rats - Limit Test: 1% Dinotefuran Gel. Project Number: 18020, P322. Unpublished study prepared by Product Safety Laboratories. 14 p.

46971503 Durando, J. (2006) Acute Dermal Toxicity Study in Rats - Limit Test: TC-259. Project Number: 19521, P322/WMG, 1777. Unpublished study prepared by Product Safety Laboratories. 15 p.

47002303 Lowe, C. (2006) Acute Dermal Toxicity Study in Rats: Limit Test. Project Number: 19765, P322/WMG. Unpublished study prepared by Product Safety Laboratories. 15 p.

47043701 Conti, J. (2006) Acute Inhalation Toxicity Waivers and Acute Toxicity Bridging: (SVP7). Project Number: SVP7/ACUTE. Unpublished study prepared by Summit Vetpharm, LLC. 29 p.

47050903 Conti, J. (2007) Acute Inhalation Toxicity Waiver and Acute Toxicity Bridging: (SVP8). Project Number: SVP8/ACUTE/WAV/BRG. Unpublished study prepared by Summit VetPharm, LLC. 73 p.

47050906 Durando, J. (2005) Acute Dermal Toxicity of Hartz DTE (Sample 12722). Project Number: 18169, 1828, P322. Unpublished study prepared by Product Safety Laboratories. 14 p.

47104803 Lowe, C. (2007) TC-267: Acute Dermal Toxicity Study in Rats - Limit Test. Project Number: 20835, 1954, P322/WMG. Unpublished study prepared by Product Safety Laboratories. 15 p.

47139504 Creek, M. (2007) Justification for Waiving Acute Toxicity Data for Safari 2 G, a Granular Pesticide Product. Project Number: MRC/2007/003, 200700088. Unpublished study prepared by Valent U.S.A. Corporation. 4 p.

47197002 Lowe, C. (2007) X-6276-07: Acute Dermal Toxicity Study in Rats: Limit Test. Project Number: 21554, P322/RAT. Unpublished study prepared by Product Safety Laboratories. 15 p.

47199103 Durando, J. (2007) X-6249-07: Acute Dermal Toxicity Study in Rats - Limit Test. Project Number: 21486, P322/RAT. Unpublished study prepared by Product Safety Laboratories. 14 p.

47783803 Moore, G. (2009) Acute Dermal Toxicity Study in Rats-Limit Test: (TC-295 Alt). Project Number: 26985, 2314, P322/WMG. Unpublished study prepared by Product Safety Laboratories. 15 p.

47814505 Oley, S. (2009) Acute Dermal Toxicity Study in Rats - Limit Test: Dinotefuran 35SL. Project Number: P322/RAT, 27613. Unpublished study prepared by Eurofins/Product Safety Laboratories. 15 p.

47879003 Durando, J. (2009) TC-298: Acute Dermal Toxicity Study in Rats. Project Number: 2361, 27378, P322/RAT/WMG. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16 p.

48427103 Kuhn, J. (2011) Acute Dermal Toxicity Study in Rats: Dinotefuran 10% SL: Final Report. Project Number: 14586/10. Unpublished study prepared by Stillmeadow, Inc. 12 p.

48436004 Lowe, C. (2011) (V-10276 0.088 SL Insecticide/Fungicide): Acute Dermal Toxicity Study in Rats. Project Number: 31028, VP/37111, 201100059. Unpublished study prepared by Eurofins/Product Safety Laboratories. 26 p.

48495403 Durando, J. (2010) TC-320: Acute Dermal Toxicity Study in Rats. Project Number: P322/RAT/WMG, 29336, 2630. Unpublished study prepared by Eurofins/Product Safety Laboratories. 15 p.

48696203 Lowe, C. (2011) Acute Dermal Toxicity Study in Rats: TC-315. Project Number: P322/RAT/WMG, 31851, 2942. Unpublished study prepared by Eurofins/Product Safety Laboratories. 15p.

49019809 Durando, J. (2012) Spray-C704: Acute Dermal Toxicity Study in Rats - Limit Test. Project Number: P322/RAT, 35154. Unpublished study prepared by Product Safety Laboratories. 13p.

870.1300 Acute inhalation toxicity

MRID	Citation Reference
46396304	Creek, M. (2004) Acute Toxicity Bridging Request for Dinotefuran 70 SG. Project Number: 200400347, VP/28302. Unpublished study prepared by Valent U.S.A. Corporation. 4 p.

46396307 Rodabaugh, D. (2004) An Acute Nose-Only Inhalation Toxicity Study in Rats with Dinotefuran 75 SG. Project Number: 200400155, VP/27060, 3548/97. Unpublished study prepared by Charles River Laboratories, Inc. 86 p.

46763506 Moore, G. (2006) Acute Inhalation Toxicity Study in Rats - Limit Test: 2% Dinotefuran LF Concentrate. Project Number: 18427, P330. Unpublished study prepared by Product Safety Laboratories. 21 p.

46777606 Durando, J. (2005) Acute Inhalation Toxicity Study in Rats - Limit Test: 1% Dinotefuran Liquid. Project Number: 18018, P330. Unpublished study prepared by Product Safety Laboratories. 22 p.

46971504 Durando, J. (2006) Acute Inhalation Toxicity Study in Rats - Limit Test. Project Number: 19522. Unpublished study prepared by Product Safety Laboratories. 21 p.

47002304 Lowe, C. (2006) Acute Toxicity Study in Rats - Limit Test: TC 271. Project Number: 19766, P330/WMG. Unpublished study prepared by Product Safety Laboratories. 23 p.

47043701 Conti, J. (2006) Acute Inhalation Toxicity Waivers and Acute Toxicity Bridging: (SVP7). Project Number: SVP7/ACUTE. Unpublished study prepared by Summit Vetpharm, LLC. 29 p.

47050903 Conti, J. (2007) Acute Inhalation Toxicity Waiver and Acute Toxicity Bridging: (SVP8). Project Number: SVP8/ACUTE/WAV/BRG. Unpublished study prepared by Summit VetPharm, LLC. 73 p.

47104804 Lowe, C. (2007) TC-267: Acute Inhalation Toxicity Study in Rats - Limit Test. Project Number: 20836, 1990, P330/WMG. Unpublished study prepared by Product Safety Laboratories. 22 p.

47139504 Creek, M. (2007) Justification for Waiving Acute Toxicity Data for Safari 2 G, a Granular Pesticide Product. Project Number: MRC/2007/003, 200700088. Unpublished study prepared by Valent U.S.A. Corporation. 4 p.

47210701 Conti, J. (2006) Acute Inhalation Toxicity Waivers SVP 6. Project Number: SVP/6/ACUTE/INHALATION. Unpublished study prepared by Summit VetPharm, LLC. 5 p.

47210801 Conti, J. (2006) Acute Inhalation Toxicity Waivers SVP10. Project Number: SVP10/ACUTE/INHALATION. Unpublished study prepared by Summit VetPharm, LLC. 5 p.

47814506 Oley, S. (2009) Acute Inhalation Toxicity Study in Rats - Limit Test: Dinotefuran 35SL. Project Number: P330, 27614. Unpublished study prepared by Eurofins/Product Safety Laboratories. 22 p.

47879007 Durando, J. (2009) TC-298: Acute Inhalation Toxicity Study in Rats. Project Number: 27379, 2362, P330/WMG. Unpublished study prepared by Eurofins/Product Safety Laboratories. 23 p.

48316402 Moore, G. (2009) Acute Inhalation Toxicity Study in Rats: TC-295. Project Number: 26983, P330/WMG. Unpublished study prepared by Eurofins/Product Safety Laboratories. 23 p.

48427104 Doig, A. (2010) Acute Inhalation Toxicity Study in Rats: Dinotefuran 10% SL: Final Report. Project Number: 14587/10. Unpublished study prepared by Stillmeadow, Inc. 18 p.

48436005 Lowe, C. (2011) (V-10276 0.088 SL Insecticide/Fungicide): Acute Inhalation Toxicity Study in Rats. Project Number: 31029, VP/37713, 201100060. Unpublished study prepared by Eurofins/Product Safety Laboratories. 37 p.

48495404 Durando, J. (2010) TC-320: Acute Inhalation Toxicity Study in Rats. Project Number: 29337, 2631, P330/WMG. Unpublished study prepared by Eurofins/Product Safety Laboratories. 23 p.

48696204 Lowe, C. (2011) Acute Inhalation Toxicity Study in Rats: TC-315. Project Number: P330/WMG, 31852, 2942. Unpublished study prepared by Eurofins/Product Safety Laboratories. 23p.

49019807 11/20/2012 (2012) CAH12 Inhalation Waiver Request. Project Number: CAH121N/JAC. Unpublished study prepared by CEVA Animal Health, LLC. 12p.

870.2400 Acute eye irritation

MRID	Citation Reference
46396304	Creek, M. (2004) Acute Toxicity Bridging Request for Dinotefuran 70 SG. Project Number: 200400347, VP/28302. Unpublished study prepared by Valent U.S.A. Corporation. 4 p.
46396308	Rodabaugh, D. (2004) A Primary Eye Irritation Study in Rabbits with Dinotefuran 75 SG. Project Number: 200400156, VP/27078, 3548/98. Unpublished study prepared by Charles River Laboratories, Inc. 45 p.
46552704	Merkel, D. (2005) Primary Eye Irritation of Hartz TTE (Samples 12516/12517) (in Rabbits). Project Number: 16392, 1772/1782, P324. Unpublished study prepared by Product Safety Laboratories. 20 p.
46581604	Durando, J. (2005) Primary Eye Irritation of Hartz STE (Sample 12563). Project Number: 1791, 16896, P324. Unpublished study prepared by Product Safety Laboratories. 17 p.
46763507	Moore, G. (2006) Primary Eye Irritation Study in Rabbits: 2% Dinotefuran LF Concentrate. Project Number: 18428, P324. Unpublished study prepared by Product Safety Laboratories. 15 p.
46777607	Durando, J. (2005) Primary Eye Irritation Study in Rabbits: 1% Dinotefuran Gel. Project Number: 18021, P324. Unpublished study prepared by Product Safety Laboratories. 14 p.
46971505	Durando, J. (2006) Primary Eye Irritation Study in Rabbits: TC-259. Project Number: 19523. Unpublished study prepared by Product Safety Laboratories. 19 p.
47009302	Lowe, C. (2006) TC-271: Primary Eye Irritation Study in Rabbits. Project Number: 19767, P324/WMG, 1813. Unpublished study prepared by Product Safety Laboratories. 18 p.
47027102	Lowe, C. (2006) Primary Eye Irritation of TTE Single Tube (Sample 12928): SVP7.. Project Number: 06007, 20733, P324. Unpublished study prepared by Product Safety Laboratories. 17 p.
47050904	Durando, J. (2007) X-6249-07-Sample 1: Primary Eye Irritation Study in Rabbits. Project Number: 21209, P324. Unpublished study prepared by Product Safety Laboratories. 18 p.
47104805	Lowe, C. (2007) TC-267: Primary Eye Irritation Study in Rabbits. Project Number: 20837, 1955, P324. Unpublished study prepared by Product Safety Laboratories. 15 p.
47139504	Creek, M. (2007) Justification for Waiving Acute Toxicity Data for Safari 2 G, a Granular Pesticide Product. Project Number: MRC/2007/003, 200700088. Unpublished study prepared by Valent U.S.A. Corporation. 4 p.
47783804	Moore, G. (2009) Primary Eye Irritation Study in Rabbits: (TC-295 Alt). Project Number: 26986, P324/WMG, 090216/48R. Unpublished study prepared by Product Safety Laboratories. 16 p.
47814507	Oley, S. (2009) Primary Eye Irritation Study in Rabbits: Dinotefuran 35SL. Project Number: P324, 27615. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16 p.
47879004	Durando, J. (2009) TC-298: Primary Eye Irritation Study in Rabbits. Project Number: 2363, 27380, P324/WMG. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16 p.
48427105	Kuhn, J. (2011) Acute Eye Irritation Study in Rabbits: Dinotefuran 10% SL: Final Report. Project Number: 14588/10. Unpublished study prepared by Stillmeadow, Inc. 17 p.
48436006	Lowe, C. (2011) (V-10276 0.088 SL Insecticide/Fungicide): Primary Eye Irritation Study in Rabbits. Project Number: 31030, VP/37717, 201100061. Unpublished study prepared by Eurofins/Product Safety Laboratories. 30 p.
48495405	Durando, J. (2010) TC-320: Primary Eye Irritation Study in Rabbits. Project Number: 29338, P324/WMG, 2632. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16 p.
48696205	Lowe, C. (2011) Primary Eye Irritation Study in Rabbits: TC-315. Project Number: P324/WMG, 31853, 2939. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16p.

49019810 Durando, J. (2012) Spray C704: Primary Eye Irritation Study in Rabbits. Project Number: 35155, P324. Unpublished study prepared by Product Safety Laboratories. 16p.

870.2500 Acute dermal irritation

MRID	Citation Reference
46396304	Creek, M. (2004) Acute Toxicity Bridging Request for Dinotefuran 70 SG. Project Number: 200400347, VP/28302. Unpublished study prepared by Valent U.S.A. Corporation. 4 p.
46396309	Rodabaugh, D. (2004) A Primary Skin Irritation Study in Rabbits with Dinotefuran 75 SG. Project Number: 200400157, VP/27086, 3548/99. Unpublished study prepared by Charles River Laboratories, Inc. 45 p.
46552705	Merkel, D. (2005) Primary Skin Irritation of Hartz TTE (Samples 12516/12517) (in Rabbits). Project Number: 16393, 1773/1783, P326. Unpublished study prepared by Product Safety Laboratories. 17 p.
46581605	Durando, J. (2005) Primary Skin Irritation of Hartz STE (Sample 12563). Project Number: 1792, 16897, P326. Unpublished study prepared by Product Safety Laboratories. 15 p.
46763508	Moore, G. (2006) Primary Skin Irritation Study in Rabbits: 2% Dinotefuran LF Concentrate. Project Number: 18429, P326. Unpublished study prepared by Product Safety Laboratories. 15 p.
46777608	Durando, J. (2005) Primary Skin Irritation Study in Rabbits: 1% Dinotefuran Gel. Project Number: 18022, P326. Unpublished study prepared by Product Safety Laboratories. 14 p.
46971506	Durando, J. (2006) Primary Skin Irritation Study in Rabbits: TC-259. Project Number: 19524, 1778, P326/WMG. Unpublished study prepared by Product Safety Laboratories. 16 p.
47009303	Lowe, C. (2006) TC-271: Primary Skin Irritation Study in Rabbits. Project Number: 19768, P326/WMG, 1814. Unpublished study prepared by Product Safety Laboratories. 16 p.
47043701	Conti, J. (2006) Acute Inhalation Toxicity Waivers and Acute Toxicity Bridging: (SVP7). Project Number: SVP7/ACUTE. Unpublished study prepared by Summit Vetpharm, LLC. 29 p.
47050903	Conti, J. (2007) Acute Inhalation Toxicity Waiver and Acute Toxicity Bridging: (SVP8). Project Number: SVP8/ACUTE/WAV/BRG. Unpublished study prepared by Summit VetPharm, LLC. 73 p.
47050908	Durando, J. (2005) Primary Skin Irritation of Hartz DTE (Sample 12722). Project Number: 18171, 1827, P326. Unpublished study prepared by Product Safety Laboratories. 14 p.
47104806	Lowe, C. (2007) TC-267: Primary Skin Irritation Study in Rabbits. Project Number: 20838, 1923, P326/WMG. Unpublished study prepared by Product Safety Laboratories. 16 p.
47139504	Creek, M. (2007) Justification for Waiving Acute Toxicity Data for Safari 2 G, a Granular Pesticide Product. Project Number: MRC/2007/003, 200700088. Unpublished study prepared by Valent U.S.A. Corporation. 4 p.
47197003	Lowe, C. (2007) X-6276-07: Primary Skin Irritation Study in Rabbits. Project Number: 21555, P326. Unpublished study prepared by Product Safety Laboratories. 16 p.
47199104	Durando, J. (2007) X-6249-07: Primary Skin Irritation Study in Rabbits. Project Number: 21487, P326. Unpublished study prepared by Product Safety Laboratories. 14 p.
47783805	Moore, G. (2009) Primary Skin Irritation Study in Rabbits: (TC-295 Alt). Project Number: 2312, 26987, P326/WMG. Unpublished study prepared by Product Safety Laboratories. 16 p.
47814508	Oley, S. (2009) Primary Skin Irritation Study in Rabbits: Dinotefuran 35SL. Project Number: P326, 27616. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16 p.

47879005 Durando, J. (2009) TC-298: Primary Skin Irritation Study in Rabbits. Project Number: 2364, 27381, P326/WMG. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16 p.

48427106 Kuhn, J. (2010) Acute Dermal Irritation Study in Rabbits: Dinotefuran 10% SL: Final Report. Project Number: 14589/10. Unpublished study prepared by Stillmeadow, Inc. 11 p.

48436007 Lowe, C. (2011) (V-10276 0.088 SL Insecticide/Fungicide): Primary Skin Irritation Study in Rabbits. Project Number: 31031, VP/37719, 201100062. Unpublished study prepared by Eurofins/Product Safety Laboratories. 29 p.

48495406 Durando, J. (2010) TC-320: Primary Skin Irritation Study in Rabbits. Project Number: 29339, 2633, P326/WMG. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16 p.

48696206 Lowe, C. (2011) Primary Skin Irritation Study in Rabbits: TC-315. Project Number: P326/WMG, 31854, 2940. Unpublished study prepared by Eurofins/Product Safety Laboratories. 15p.

49019811 Durando, J. (2012) Spray C704: Primary Skin Irritation Study in Rabbits. Project Number: 35156, P326. Unpublished study prepared by Product Safety Laboratories. 14p.

870.2600 Skin sensitization

MRID	Citation Reference
46396304	Creek, M. (2004) Acute Toxicity Bridging Request for Dinotefuran 70 SG. Project Number: 200400347, VP/28302. Unpublished study prepared by Valent U.S.A. Corporation. 4 p.
46396310	Rodabaugh, D. (2004) A Dermal Sensitization Study in Guinea Pigs with Dinotefuran 75 SG Modified Buehler Method. Project Number: 200400158, VP/27094, 3548/100. Unpublished study prepared by Charles River Laboratories, Inc. 72 p.
46552706	Merkel, D. (2005) Dermal Sensitization (Buehler Method) of Hartz TTE (Samples 12567/12568) (in Guinea Pigs). Project Number: 16394, 1775/1784, P328. Unpublished study prepared by Product Safety Laboratories. 27 p.
46581606	Durando, J. (2005) Dermal Sensitization (Buehler Method) of Hartz STE (Sample 12563). Project Number: 1794, 16898, P328. Unpublished study prepared by Product Safety Laboratories. 22 p.
46763509	Moore, G. (2006) Dermal Sensitization Study in Guinea Pigs (Buehler Method): 2% Dinotefuran LF Concentrate. Project Number: 18430, P328. Unpublished study prepared by Product Safety Laboratories. 23 p.
46777609	Durando, J. (2005) Dermal Sensitization Study in Guinea Pigs (Buehler Method): 1% Dinotefuran Gel. Project Number: 18023, P328. Unpublished study prepared by Product Safety Laboratories. 22 p.
46971507	Durando, J. (2006) Dermal Sensitization Study in Guinea Pigs (Buehler Method): TC-259. Project Number: 19525. Unpublished study prepared by Product Safety Laboratories. 24 p.
47009304	Lowe, C. (2006) TC-271: Dermal Sensitization Study in Guinea Pigs (Buehler Method). Project Number: 19769, P328/WMG, 1819. Unpublished study prepared by Product Safety Laboratories. 24 p.
47043701	Conti, J. (2006) Acute Inhalation Toxicity Waivers and Acute Toxicity Bridging: (SVP7). Project Number: SVP7/ACUTE. Unpublished study prepared by Summit Vetpharm, LLC. 29 p.
47050903	Conti, J. (2007) Acute Inhalation Toxicity Waiver and Acute Toxicity Bridging: (SVP8). Project Number: SVP8/ACUTE/WAV/BRG. Unpublished study prepared by Summit VetPharm, LLC. 73 p.
47050907	Durando, J. (2005) Dermal Sensitization (Buehler Method) of Hartz DTE (Sample 12722). Project Number: 18172, 1829, P328. Unpublished study prepared by Product Safety Laboratories. 22 p.

47104807 Durando, J. (2007) TC-267: Dermal Sensitization Study in Guinea Pigs (Buehler Method). Project Number: 20839, 1957, FC/229/015. Unpublished study prepared by Product Safety Laboratories. 24 p.

47139504 Creek, M. (2007) Justification for Waiving Acute Toxicity Data for Safari 2 G, a Granular Pesticide Product. Project Number: MRC/2007/003, 200700088. Unpublished study prepared by Valent U.S.A. Corporation. 4 p.

47197004 Lowe, C. (2007) X-6276-07: Dermal Sensitization Study in Guinea Pigs (Buehler Method). Project Number: 21556, P328. Unpublished study prepared by Product Safety Laboratories. 23 p.

47199105 Durando, J. (2007) X-6249-07: Dermal Sensitization Study in Guinea Pigs (Buehler Method). Project Number: 21488, P328. Unpublished study prepared by Product Safety Laboratories. 23 p.

47783806 Moore, G. (2009) Dermal Sensitization Study in Guinea Pigs (Buehler Method): (TC-295 Alt). Project Number: 26988, 2311, P328/WMG. Unpublished study prepared by Product Safety Laboratories. 24 p.

47814509 Oley, S. (2009) Dermal Sensitization Study in Guinea Pigs (Buehler Method): Dinotefuran 35SL. Project Number: P328, 27617. Unpublished study prepared by Eurofins/Product Safety Laboratories. 24 p.

47879006 Durando, J. (2009) TC-298: Dermal Sensitization Study in Guinea Pigs (Buehler Method). Project Number: 27382, 2365, P328/WMG. Unpublished study prepared by Eurofins/Product Safety Laboratories. 25 p.

48427107 Kuhn, J. (2011) Skin Sensitization Study in Guinea Pigs: Dinotefuran 10% SL: Final Report. Project Number: 14590/10, 14082/10. Unpublished study prepared by Stillmeadow, Inc. 17 p.

48436008 Lowe, C. (2011) (V-10276 0.088 SL Insecticide/Fungicide): Dermal Sensitization in Guinea Pigs (Buehler Method). Project Number: 31032, VP/37722, 201100063. Unpublished study prepared by Eurofins/Product Safety Laboratories. 39 p.

48495407 Durando, J. (2010) TC-320: Dermal Sensitization Study in Guinea Pigs (Buehler Method). Project Number: 2634, 29340, P328/WMG. Unpublished study prepared by Eurofins/Product Safety Laboratories. 25 p.

48696207 Lowe, C. (2011) Dermal Sensitization Study in Guinea Pigs (Buehler Method): TC-315. Project Number: P328/WMG, 31855, 2941. Unpublished study prepared by Eurofins/Product Safety Laboratories. 24p.

49019806 Durando, J. (2012) Spray C704: Local Lymph Node Assay (LLNA) in Mice. Project Number: P327, 35157. Unpublished study prepared by Eurofins/Product Safety Laboratories. 20p.

870.6300 Developmental neurotoxicity study

MRID	Citation Reference
47677501	Hoberman, A. (2009) Oral (Diet) Dosage-Range Finding Developmental Neurotoxicity and Immunotoxicity Study of MTI-446 (Dinotefuran) in Crl:CD (SD) Rats: Final Report. Project Number: SRY00001. Unpublished study prepared by Charles River Laboratories. 376 p.
47677502	Hoberman, A. (2009) Oral (Diet) Developmental Neurotoxicity Study of MTI-446 (Dinotefuran) in Crl: CD(SD) Rats. Project Number: SRY00002. Unpublished study prepared by Charles River Laboratories. 62 p.
48291601	Hoberman, A. (2010) Oral (Diet) Developmental Neurotoxicity Study of MTI-446 (Dinotefuran) in Crl:CD(SD) Rats: Final Report. Project Number: SRY00002. Unpublished study prepared by Charles River Laboratories and Pathology Associates, Inc. 792 p.

870.7600 Dermal penetration

MRID	Citation Reference
------	--------------------

47013401 Hassler, S. (2006) (Carbon 14) - MTI- 446: Dermal Absorption of (Carbon 14) MTI-446 Formulated as Aqueous Solution in the Rat (In Vivo). Project Number: A25975. Unpublished study prepared by RCC Ltd. 96 p.

870.7800 Immunotoxicity

MRID	Citation Reference
47677501	Hoberman, A. (2009) Oral (Diet) Dosage-Range Finding Developmental Neurotoxicity and Immunotoxicity Study of MTI-446 (Dinotefuran) in Crl:CD (SD) Rats: Final Report. Project Number: SRY00001. Unpublished study prepared by Charles River Laboratories. 376 p.
48442101	Chambers, P. (2011) Dinotefuran: 4 Week Dietary Immonotoxicity Study in the CD Rat. Project Number: MCW0018. Unpublished study prepared by Huntingdon Life Sciences, Ltd. 184 p.
48442102	Bottomley, A. (2011) Dinotefuran: 4 Week Dietary Immotoxicity Study in the CD-1 Mouse. Project Number: MCW0019. Unpublished study prepared by Huntingdon Life Sciences, Ltd. 186 p.

870.7200 Companion animal safety

MRID	Citation Reference
46552707	Doherty, P. (2005) Tolerance of an Experimental Flea and Tick Dermal Treatment when Topically Administered to Adult Dogs at 1 x, 3 x and 5 x the Recommended Dose. Project Number: USA004/04/002, 1749. Unpublished study prepared by Charles River Laboratories BioLabs Europe. 217 p.
46552708	Doherty, P. (2005) Tolerance of an Experimental Flea and Tick Dermal Treatment when Topically Administered to Pups Seven Weeks (49 to 55 Days) Old, at 1 x, 3 x and 5 x the Recommended Dose. Project Number: USA004/04/003, 1767. Unpublished study prepared by Charles River Laboratories BioLabs Europe. 263 p.
46581607	Doherty, P. (2005) Tolerance of an Experimental Flea Dermal Treatment When Topically Administered to Adult Cats and 12 Week Old Kittens at 1x, 3x, and 5x the Recommended Dose. Project Number: USA004/05/001, 1781, USA004/050603. Unpublished study prepared by Charles River Laboratories BioLabs Europe. 313 p.
47062202	Conti, J. (2007) SVP9 Companion Animal Bridging Discussion. Project Number: SVP9/COMPANION. Unpublished study prepared by Summit VetPharm, LLC. 4 p.
47199101	Newmann, N. (2007) DTE Companion Animal Safety Evaluation. Project Number: SVP07011, CHK/07/0342. Unpublished study prepared by Cherri-Hill Kennel and Supply. 390 p.
47207101	Gupta, S. (2007) Tolerance of an Experimental Flea Dermal Treatment When Topically Administered to Adult Cats at 1 x, 3 x and 5 x the Recommended Dose Using SVP8. Project Number: USA011/07/001, SVP07018. Unpublished study prepared by Charles River Laboratories BioLabs Europe. 1111 p.
47212201	Conti, J. (2007) Summary of Companion Animal Safety Data Generated on SVP8. Unpublished study prepared by Summit Vetpharm LLC. 5 p.
47212202	Murphy, M. (2007) Tolerance of an Experimental Flea and Tick Dermal Treatment when Topically Administered on Study Days 0 and 14, to Pups at 1 x, 3 x and 5 x The Normal Recommended Dose. Project Number: USA004/06/001, 1851. Unpublished study prepared by Charles River Laboratories BioLabs Europe. 370 p.

47246601 Neumann, N. (2007) DTE Companion Animal Safety Evaluation (7 Week and Older Puppies): (Final Report). Project Number: SVP07015, CHK/07/0346. Unpublished study prepared by Cheri-Hill Kennel and Supply, Inc. 178 p.

47254001 Neumann, N. (2007) DTE Companion Animal Safety Evaluation (Adult Dogs): Final Report. Project Number: SVP07017, CHK/07/0350. Unpublished study prepared by Cheri-Hill Kennel & Supply, Inc. 204 p.

47316002 Ball, C. (2007) Field Trial For (X-6276-07) on Dogs: Final Report. Project Number: SVP/07019. Unpublished study prepared by Summit Vetpharm, LLC. 108 p.

47385501 Conti, J. (2008) Response to EPA Review SVP9- MRID 47246601. Project Number: SVP07017. Unpublished study prepared by Cheri Hill Kennel & Supply, Inc. 35 p.

47466701 Ball, C. (2008) Companion Animal Safety Study - Rebuttal EPA May 6, 2008 Review. Project Number: SVP9REG1. Unpublished study prepared by Summit Vetpharm, LLC. 9 p.

47519901 Ball, C. (2008) Companion Animal Safety Study-EPA Data Request of August 22, 2008. Project Number: SVP9REG2. Unpublished study prepared by Summit Vetpharm LLC. 51 p.

47592901 Gupta, S. (2008) Tolerance of an Experimental Flea Dermal Treatment when Topically Administered to Approximately 7 Week Old Pups at 5 Times the Recommended Dose. Project Number: USA011/08-003, USA011/08/081107. Unpublished study prepared by Charles River Laboratories BioLabs Europe. 134 p.

47604801 Conti, J. (2008) SVP9: Raw Data Filed in Response to DER Dated October 14, 2008. Project Number: CASS/SVP9/RAW, SVP07015. Unpublished study prepared by Summit Vetpharm, LLC. 25 p.

49019812 Henk, A. (2013) CAH12 Companion Animal Bridging Discussion. Unpublished study prepared by CEVA Animal Health, LLC. 11p.

Non-Guideline Study

MRID	Citation Reference
46396300	Valent U.S.A. Corporation (2004) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Dinotefuran 70 SG. Transmittal of 10 Studies.
46403800	Mitsui Chemicals America, Inc. (2004) Submission of Product Chemistry and Residue Data in Support of the Registration of Dinotefuran Technical. Transmittal of 2 Studies.
46403802	Cassidy, P. (2004) Independent Laboratory Validation: Residue Analytical Method, MTU 250/024447 for MTI-446, and Degradates, DN and UF, "Validation of bovine tissues (liver, kidney, muscle and fat), milk and cream and hen eggs". Project Number: 017472/1. Unpublished study prepared by Ricerca Biosciences, LLC. 74 p.
46413800	Mitsui Chemicals America, Inc. (2004) Submission of Residue Data in Support of the Amended Registration of Dinotefuran. Transmittal of 1 Study.
46413801	Cassidy, P. (2004) LC-MS/MS Validation of Residues of MTI-446, and Degradates, DN and UF, From Lactating Goat Metabolism Study. Project Number: 017471/1, 017471/0. Unpublished study prepared by Ricerca Biosciences, LLC. 75 p.
46552700	The Hartz Mountain Corporation (2005) Submission of Product Chemistry, Toxicity and Efficacy Data in Support of the Application for Registration of Hartz Reference 121. Transmittal of 20 Studies.
46572300	Mitsui Chemicals, Inc. (2005) Submission of Product Chemistry Data in Support of the Application for Registration of Dinotefuran 0.4% Lawn Granule. Transmittal of 1 Study.
46572400	Mitsui Chemicals, Inc. (2005) Submission of Product Chemistry Data in Support of the Application for

Registration of Dinotefuran Total Release Fogger. Transmittal of 1 Study.

46572500 Mitsui Chemicals America, Inc. (2005) Submission of Product Chemistry Data in Support of the Application for Registrations of Dinotefuran Ready to Use, Dinotefuran 0.5% Multi-Purpose RTU, and Dinotefuran 0.5% Ornamental & Vegetable RTU. Transmittal of 1 Study.

46572600 Mitsui Chemicals, Inc. (2005) Submission of Product Chemistry Data in Support of the Application for Registration of Dinotefuran Fire Ant Bait 0.005%. Transmittal of 1 Study.

46581600 Hartz Mountain Corporation (2005) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Hartz Reference 123. Transmittal of 9 Studies.

46621600 Mitsui Chemicals America, Inc. (2005) Submission of Toxicity Data in Support of the Registration of Dinotefuran Technical. Transmittal of 1 Study.

46621601 Gale, E. (2005) Historical Control Data for 52-Week Dog Studies. Project Number: 45654209, 6648/129. Unpublished study prepared by Covance Laboratories, Ltd. 12 p.

46660400 The Hartz Mountain Corporation (2005) Submission of Efficacy Data in Support of the Amended Registration of Hartz Reference 123. Transmittal of 1 Study.

46662500 The Hartz Mountain Corporation (2005) Submission of Product Chemistry Data in Support of the Application for Registration of Hartz Reference 121. Transmittal of 1 Study.

46711200 Mitsui Chemicals, Inc. (2005) Submission of Environmental Fate Data in Support of the Application for Registration of Dinotefuran Technical. Transmittal of 2 Studies.

46726500 Whitmire Micro-Gen Research Laboratories, Inc. (2006) Submission of Product Chemistry Data in Support of the Application for Registration of TC 248. Transmittal of 1 Study.

46751100 Mitsui Chemical Inc. (2006) Submission of Environmental Fate Data in Support of the Registration of Dinotefuran Technical. Transmittal of 2 Studies.

46751103 Kumar, P.; Brumme, R. (1999) Mineralization of Guanidine Derivatives in Soils. Nutrient Cycling in Agroecosystems 53: 133-138.

46758700 Mitsui Chemicals, Inc. (2006) Submission of Residue Data in Support of the Registration of Dinotefuran Technical. Transmittal of 1 Study.

46763500 Chemsico (2006) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Chemsico Insecticide Concentrate DT. Transmittal of 9 Studies.

46763503 Schoenberg, P. (2006) Determination of Dinotefuran in Certain Liquid and Gel Formulations. Project Number: UILC/089/00. Unpublished study prepared by Chemsico. 12 p.

46777600 Chemsico (2006) Submission of Product Chemistry, Toxicity and Efficacy Data in Support of the Application for Registration of Chemsico Roach Control 5DW. Transmittal of 10 Studies.

46777603 Schoenberg, P. (2006) Determination of Dinotefuran in Certain Liquid and Gel Formulations. Project Number: UILC/089/00. Unpublished study prepared by Chemsico. 12 p.

46777610 Schoenberg, P. (2005) Performance Testing of Chemsico Roach Control 5DW Against: German Roaches, American Roaches, Oriental Roaches, Smoky Brown Roaches, Brown Banded Roaches, German Roach Eggs. Project Number: 05/08/06/UI. Unpublished study prepared by United Industries Corp. 12 p.

46783300 Chemsico (2006) Submission of Product Chemistry Data in Support of the Application for Registration of Chemsico Insecticide Concentrate DR. Transmittal of 2 Studies.

46802400 Mitsui Chemicals America, Inc. (2006) Submission of Product Chemistry Data in Support of the Registration of Dinotefuran Technical. Transmittal of 4 Studies.

46806300 Chemisco (2006) Submission of Efficacy Data in Support of the Application for Registration of Chemsico Ant Control 5DW. Transmittal of 1 Study.

- 46806301 Duckworth, C. (2005) Laboratory Evaluations of Liquid Dinotefuran Baits Against Colonies of Argentine Ants. Unpublished study prepared by Purdue University. 5 p.
- 46815600 The Hartz Mountain Corp. (2006) Submission of Efficacy Data in Support of the Amended Registration of Hartz Reference 123. Transmittal of 1 Study.
- 46823700 Valent U.S.A. Corporation (2006) Submission of Product Chemistry Data in Support of the Registration of Dinotefuran 70 SG. Transmittal of 1 Study.
- 46828800 Chemsico (2006) Submission of Product Chemistry Data in Support of the Application for Registration of Chemsico Roach Control 5DG. Transmittal of 3 Studies.
- 46828803 Schoenberg, P. (2005) Performance Testing of Chemsico Roach Control 5DG. Project Number: 05/08/03/UI. Unpublished study prepared by United Industries Corp. 12 p.
- 46850300 The Hartz Mountain Corporation (2006) Submission of Product Chemistry and Efficacy Data in Support of the Application for Registration of Hartz Reference 121. Transmittal of 4 Studies.
- 46865900 The Hartz Mountain Corp. (2006) Submission of Efficacy Data in Support of the Application for Registration of Hartz Reference 121. Transmittal of 1 Study.
- 46877200 Hartz Mountain Corporation (2006) Submission of Efficacy and Fate Data in Support of the Amended Registration of Hartz Reference 123. Transmittal of 1 Study.
- 46877201 Conti, J. (2006) Establishing Volume to Area Levels for Active Ingredients: Hartz Reference 123. Project Number: STE/V-A. Unpublished study prepared by The Hartz Mountain Corp. 12 p.
- 46895900 Valent U.S.A. Corporation (2006) Submission of Residue Data in Support of the Amended Registration of Dinotefuran 70 SG Insecticide. Transmittal of 1 Study.
- 46907600 The Hartz Mountain Corp (2006) Submission of Product Chemistry Data in Support of the Registration of Hartz Reference 123. Transmittal of 1 Study.
- 46928200 Whitmire Micro-Gen Research Laboratory Inc (2006) Submission of Efficacy Data in Support of the Application for Registration of TC 260. Transmittal of 1 Study.
- 46928201 Cink, J. (2005) Determination of Efficacy for Ready-to-Use Foam Formulations of Cyfluthrin and Dinotefuran on the Mortality of the Southeastern Drywood Termite, *Incisitermes snyderi* (Isoptera: Kalotermitidae), Using a Laboratory Choice Bioassay. Project Number: PTS/757, 1770, 757. Unpublished study prepared by University of Florida. 27 p.
- 46971500 Whitmire Micro-Gen Research Laboratories, Inc. (2006) Submission of Product Chemistry, Toxicity and Efficacy Data in Support of the Application for Registration of TC 259. Transmittal of 9 Studies.
- 46971508 Suiter, D. (2006) Insecticidal Foam Efficacy Against Carpenter Ants Housed in Artificial Nests (Dinotefuran). Project Number: 859. Unpublished study prepared by University of Georgia, Department of Entomology. 5 p.
- 46971509 Hansen, L. (2006) Laboratory Test to Determine Activity on Carpenter Ants of Two Foam Formulations Applied to Wood Substrates. Project Number: 806, 1881. Unpublished study prepared by Spokane Falls Community College. 7 p.
- 47002300 Whitmire Micro Gen Research Laboratories Inc. (2006) Submission of Product Chemistry, Efficacy and Toxicity Data in Support of the Application for Registration of TC 249. Transmittal of 14 Studies.
- 47002308 Donahue, W. (2006) Laboratory Efficacy of Dinotefuran Dust TC 249 as a Contact and Residual Application for the Control of Selected Arthropods: Final Report. Project Number: WMG05/3C, 689, 1830. Unpublished study prepared by Sierra Research Labs/ Dominion Res. 10 p.
- 47002309 Aubin, F. (2005) Pesticide Efficacy Studies: Dinotefuran. Project Number: 665, 1682, WHIT/2005/2/5. Unpublished study prepared by SummaCon Consultants. 11 p.

- 47002310 Cardoza, R. (2006) Laboratory Evaluation of the Experimental Product TC 249 Dinotefuran Dust in the Control of the Darkling Beetle, Rice, Weevil, Indian Meal Moth Adult and Larvae, Pillbug, Cellar Spider, and Paper Wasp. Project Number: 241/06, 865. Unpublished study prepared by Bio Research. 25 p.
- 47002311 Senior, L. (2006) Laboratory Bioassay to Determine the Efficacy of Residual Deposits of Dust Formulations for the Control of the Bed Bug, *Cimex Lectularius*: Interim Report. Project Number: 05/31, 796, 1809. Unpublished study prepared by Insect Investigations Ltd. 21 p.
- 47002312 Kirkland, R. (2005) Evaluation of Dinotefuran Dust Compared to Diatomaceous Earth in the Control of Urban Pests. Project Number: 146/05. Unpublished study prepared by Bio Research. 18 p.
- 47002313 Appel, A. (2006) Evaluation of Dinotefuran Dust Formulation Against American *Periplaneta Americana* and German, *Blattella Germanica* and Oriental Cockroaches and the Firebrat, *Thermobia Domestica* Packard: Substrate and Aging Effects. Project Number: 719, 1737. Unpublished study prepared by Urban Entomology. 11 p.
- 47002314 Kirkland, R. (2005) Evaluation of Permethrin Microcap and Dinotefuran Dust in Control of Urban Pests. Project Number: 302/04, PTS/581, 1595. Unpublished study prepared by Bio Research. 56 p.
- 47009300 Whitmire Micro-Gen Research Laboratories, Inc. (2006) Submission of Toxicity Data in Support of the Application for Registration of TC 249. Transmittal of 4 Studies.
- 47013400 Mitsui Chemicals Inc. (2006) Submission of Toxicity Data in Support of the Registration of Dinotefuran Technical. Transmittal of 2 Studies.
- 47013402 Hassler, S. (2006) (Carbon 14) MTI 446: Transfer of (Carbon 14) MTI 446 into Milk of Lactating Rats After Oral Administration. Project Number: A29136. Unpublished study prepared by RCC Ltd. 66 p.
- 47016800 Summit VetPharm LLC (2006) Submission of Product Chemistry Data in Support of the Application for Registration of SVP7. Transmittal of 1 Study.
- 47022200 Mitsui Chemicals, Inc. (2006) Submission of Product Chemistry Data in Support of the Application for Registration of Dinotefuran Fly Bait. Transmittal of 1 Study.
- 47027100 Summit Vetpharm LLC (2006) Submission of Toxicity and Efficacy Data in Support of the Application for Registration of SVP7. Transmittal of 2 Studies.
- 47043700 Summit VetPharm, LLC (2006) Submission of Toxicity Data in Support of the Application for Registration of SVP7. Transmittal of 1 Study.
- 47050900 Summit VetPharm, LLC (2007) Submission of Product Chemistry, Toxicity, and Fate Data in Support of the Application for Registration of SVP8. Transmittal of 10 Studies.
- 47050902 Frayman, O. (2007) Characterization of X-6249-07, X-6250-07, X-6251-07, X-6252-07. Project Number: GLP/2078. Unpublished study prepared by McLaughlin Gormley King Company. 14 p.
- 47058200 Mitsui Chemicals, Inc. (2007) Submission of Efficacy Data in Support of the Application for Registration of Dinotefuran Fly Bait. Transmittal of 1 Study.
- 47062200 Summit VetPharm, LLC (2007) Submission of Efficacy and Safety Data in Support of the Application for Registration of SVP9. Transmittal of 2 Studies.
- 47080300 Valent U.S.A Corporation (2007) Submission of Residue Data in Support of the Amended Registration of Dinotefuran 70 SG Insecticide. Transmittal of 1 Study.
- 47104800 Whitmire Micro-Gen Research Laboratories Inc. (2007) Submission of Product Chemistry, Efficacy and Toxicity Data in Support of the Application for Registration of TC 267. Transmittal of 13 Studies.
- 47104808 Uchima, S. (2005) Laboratory Evaluation of Shuriken Residual Insecticide (0.25%) V.2, Dinotefuran (Shurkien) Residual Aerosol Insecticide (0.50%), Novaluron Residual Aerosol (0.50%) for Residual Control of the German Cockroach. Project Number: 267/05. Unpublished study prepared by Bioresearch Laboratories. 34 p.

- 47104809 Dawe, H. (2007) Laboratory Bioassay to Determine the Efficacy of Residual Deposits of Two Formulations for the Control of the Bed Bug. Project Number: 06/98, 1952. Unpublished study prepared by Insect Investigations Ltd. 24 p.
- 47104810 Snell, E.; Sexton, W.; Weiner, D. (2006) Evaluation of the Efficacy of 2 Formulations of TC 256 Microcare 3 Percent, TC 232 Pro Citra DC 10 Percent, TC 252 Pyrethrum 2 Percent, TC 267 Dinotefuran 0.5 Percent, TC 268 DE, and TC 249 Dinotefuran Dust 0.25 Percent When Applied as Direct Spray to Asian Lady Beetles (*Harmonia axyridis*). Project Number: WHITLBMICRODIRECT06, 1934, 931. Unpublished study prepared by Snell Scientifics LLC. 33 p.
- 47104811 Cook, J. (2006) Efficacy Three Aerosol Sprays to Control Two Species of Ants in Laboratory Experiments. Project Number: WHITMIRE06B, 789, 1754. Unpublished study prepared by Sam Houston State University. 12 p.
- 47104812 Snell, E.; Sexton, W.; Hicks, A.; et. al. (2006) Evaluation of TC 245 (6%py/60%PBO) 0.26 Percent, TC 2670, 50%, TC 252 2% PY, ProCitra DL 10% When Applied Directly onto Adult Bed Bugs (*Cimex lectularius*). Project Number: WHITPYBBDIRECT06, 907, 1910. Unpublished study prepared by Snell Scientifics, LLC. 20 p.
- 47104813 Uchina, S. (2006) Laboratory Evaluation of Residues of the Experimental Products Shuriken Residual Aerosol Insecticide (0.25 Percent) V.2, Dinotefuran (Shuriken) Residual Aerosol Insecticide (0.50 Percent) and Chlorpenapyr C&C Residual - Ver 1B in the Control of the Field Cricket and the American Cockroach. Project Number: 301/05. Unpublished study prepared by Bioresearch Laboratories. 26 p.
- 47139500 Valent U.S.A. Corporation (2007) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Safari 2 G Insecticide. Transmittal of 4 Studies.
- 47186600 The Hartz Mountain Corporation (2007) Submission of Product Chemistry Data in Support of the Registration of SVP5. Transmittal of 1 Study.
- 47187400 Summit Vetpharm (2007) Submission of Product Chemistry Data in Support of the Registrations of SPV1, SPV2, SPV3 and SPV4. Transmittal of 1 Study.
- 47197000 Summitt Vetpharm LLC. (2007) Submission of Toxicity Data in Support of the Registration of SVP7. Transmittal of 4 Studies.
- 47199100 Summit VetPharm, LLC (2007) Submission of Toxicity Data in Support of the Application for Registration of SVP8. Transmittal of 5 Studies.
- 47207100 Summit VetPharm LLC. (2007) Submission of Safety Data in Support of the Application for Registration of SVP8. Transmittal of 1 Study.
- 47210700 Summit VetPharm, LLC (2007) Submission of Toxicity Data in Support of the Application for Registration of SVP 6. Transmittal of 1 Study.
- 47210800 Summit VetPharm, LLC (2007) Submission of Toxicity Data in Support of the Application for Registration of SVP 10. Transmittal of 1 Study.
- 47212200 Summit VetPharm LLC. (2007) Submission of Toxicity Data in Support of the Registration of SVP7. Transmittal of 2 Studies.
- 47237600 Summit VetPharm, LLC (2007) Submission of Efficacy Data in Support of the Application for Registration of SVP 9. Transmittal of 1 Study.
- 47246600 Summit VetPharm, LLC (2007) Submission of Toxicity Data in Support of the Application for Registration of SVP 9. Transmittal of 1 Study.
- 47246800 Summit Vetpharm, LLC (2007) Submission of Efficacy Data in Support of the Registration of SVP5. Transmittal of 1 Study.
- 47250700 Chemsico (2007) Submission of Product Chemistry Data in Support of the Registration of Chemsico Roach

Control 5DW. Transmittal of 1 Study.

47250800 Chemsico (2007) Submission of Product Chemistry Data in Support of the Registration of Chemsico Insecticide Concentrate DT. Transmittal of 1 Study.

47254000 Summit VetPharm, LLC (2007) Submission of Toxicity Data in Support of the Application for Registration of SVP 9. Transmittal of 1 Study.

47258700 Mitsui Chemicals, Inc. (2007) Submission of Exposure and Risk, and Toxicity Data in Support of the Amended Registration of Dinotefuran Technical. Transmittal of 1 Study.

47258701 Driver, J.; Ross, J.; Assaf, N. (2007) Dinotefuran: Non-Dietary (Residential) Risk Assessment: Indoor Crack & Crevice Aerosols, Pet Care Spot-On Products, Indoor Total Release Foggers and Outdoor Lawn Care Products. Project Number: DINO/001/07. Unpublished study prepared by infoscientific.com, Inc. and Valent BioSciences Corporation. 50 p.

47262600 Whitmire Micro-Gen Research Laboratories, Inc. (2007) Submission of Efficacy Data in Support of the Amended Registration of TC 267. Transmittal of 1 Study.

47262601 Northern, M. (2006) Field Evaluation of the Efficacy of Two Whitmire Micro-Gen Aerosol Formulations vs. CB Residuals, D-Force HPX Aerosol Formulation Against German Cockroaches (*Blattella germanica*). Project Number: 06/WMGA1. Unpublished study prepared by Granovsky Associates, Inc. 17 p.

47264700 Whitmire Micro-Gen Research Laboratories, Inc. (2007) Submission of Efficacy Data in Support of the Registration of TC 249. Transmittal of 1 Study.

47264701 Snell, E.; Sexton, W.; Weiner, D. (2006) Evaluation of the Efficacy of TC 249 Dinotefuran Dust 0.25% When Applied to Black Widow Spiders (*Latrodectus hesperus*) in Glass Petri Dish Arenas. Project Number: WHITBWTC249DINOPANEL06. Unpublished study prepared by Snell Scientifics, LLC. 25 p.

47308400 Whitmire Micro-Gen Research Laboratories, Inc. (2007) Submission of Product Chemistry Data in Support of the Application for Registration of Whitmire TC-249. Transmittal of 1 Study.

47308700 Summit VetPharm, LLC (2007) Submission of Product Chemistry and Efficacy Data in Support of the Registration of SVP7. Transmittal of 2 Studies.

47308704 Conti, J. (2007) Companion Animal Safety Study: (SVP7). Project Number: CASS/SVP7/1207. Unpublished study prepared by Summit VetPharm, LLC. 8 p.

47311800 Chemsico (2007) Submission of Efficacy Data in Support of the Registrations of Chemsico Roach Control 5DW and Chemsico Roach Control 5DG. Transmittal of 1 Study.

47311801 Cardoza, R. (2007) Field Evaluation of Hot Shot Ultra Clear Roach Gel Bait and Hot Shot Ultra Liquid Roach Bait Compared to Combat Roach Killing Gel and Combat Quick Kill Formula in the Control of the German Cockroach. Project Number: 155/07. Unpublished study prepared by Bio Research. 37 p.

47316000 Summit Vetpharm LLC (2007) Submission of Efficacy Data in Support of the Amended Registration of SVP7. Transmittal of 2 Studies.

47329800 Summit VetPharm (2008) Submission of Product Chemistry Data in Support of the Application for Registration of SVP10. Transmittal of 1 Study.

47334300 Summit VetPharm (2008) Submission of Product Chemistry Data in Support of the Registration of SVP 6. Transmittal of 1 Study.

47350100 Mitsui Chemicals, Inc. (2008) Submission of Product Chemistry Data in Support of the Reregistration of the Dinotefuran Containing Product Dinotefuran 20SG. Transmittal of 1 Study.

47353500 Currahee Animal Health (2008) Submission of Product Chemistry Data in Support of the Registration of Early Bale. Transmittal of 1 Study.

47385500 Summit VetPharm, LLC. (2008) Submission of Safety Data in Support of the Application for Registration of

SVP9. Transmittal of 1 Study.

47415400 J.J. Mauget Co. (2008) Submission of Efficacy Data in Support of the Registration of Dutrex. Transmittal of 15 Studies.

47466700 Summit Vetpharm, LLC (2008) Submission of Toxicity Data in Support of the Registration of SVP9. Transmittal of 1 Study.

47466900 Mitsui Chemicals, Inc. (2008) Submission of Efficacy Data in Support of the Amended Registration of Dinotefuran 20% Turf & Ornamental. Transmittal of 1 Study.

47476800 Valent U.S.A. Corporation (2008) Submission of Product Chemistry Data in Support of the Registration of Safari 2 G. Transmittal of 1 Study.

47518700 Whitmire Micro-Gen Research Laboratories, Inc. (2008) Submission of Product Chemistry and Efficacy Data in Support of the Amended Registration of TC 267. Transmittal of 3 Studies.

47518702 Snell, E. (2008) Evaluation of Whitmire TC 267 When Applied as Direct Spray onto Brown Recluse Spiders (*Loxosceles reclusa*). Project Number: WHITTO267BRDIRECT08. Unpublished study prepared by Snell Scientifics, LLC. 20 p.

47518703 Sims, S. (2008) The Effects of a Direct Contact Spray from a Dinotefuran Aerosol Formulation on Workers of the Black Carpenter Ant, *Camponotus pennsylvanicus* (DeGeer) and the Field Ant, *Formica subsericea* Say (Hymenoptera: Formicidae). Project Number: 1221. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 7 p.

47519900 Summit VetPharm (2008) Submission of Toxicity Data in Support of the Registration of SVP9. Transmittal of 1 Study.

47527100 Whitmire Micro-Gen Research Laboratories, Inc. (2008) Submission of Product Chemistry Data in Support of the Amended Registration of TC 259. Transmittal of 1 Study.

47545400 The IR-4 Project (2008) Submission of Residue Data in Support of the Registrations of Dinotefuron 20SG, Starkle 70SG and Dinotefuran 70SG and the Petition for Tolerance of Dinotefuran on Turnip Greens. Transmittal of 1 Study.

47576000 Summit VetPharm, LLC (2008) Submission of Efficacy Data in Support of the Amended Registration of SVP7. Transmittal of 2 Studies.

47581300 Mitsui Chemicals, Inc. (2008) Submission of Efficacy Data in Support of the Amended Registration of Dinotefuran 20 percent Turf & Ornamental. Transmittal of 1 Study.

47581301 McCullough, D.; Poland, T.; Cappaert, D.; et al. (2008) Protecting Ash Trees from Emerald Ash Borer - Summary of 2006 Research on Dinotefuron Applied as a Non-Invasive Trunk Spray for Emerald Ash Borer Control. Project Number: VP/32777. Unpublished study prepared by Michigan State University and USDA Forest Service and USDA, APHIS, PPQ, ANPCL. 19 p.

47592900 Summit Vetpharm, LLC (2008) Submission of Safety and Product Chemistry Data in Support of the Amended Registration of SVP9. Transmittal of 2 Studies.

47604800 Summit VetPharm, LLC. (2008) Submission of Efficacy Data in Support of the Registration of SVP9. Transmittal of 1 Study.

47677500 Mitsui Chemicals, Inc. (2009) Submission of Toxicity Data in Support of the Registration of Dinotefuran Technical (MTI-446). Transmittal of 2 Studies.

47687000 Summit VetPharm, LLC (2009) Submission of Product Chemistry Data in Support of the Registration of SVP8. Transmittal of 1 Study.

47688100 Mitsui Chemicals, Inc. (2009) Submission of Toxicity Data in Support of the Application for Registration of Dinotefuran Technical. Transmittal of 1 Study.

47703700 Whitmire Micro-Gen Research Laboratories, Inc. (2009) Submission of Product Chemistry Data in Support of the Amended Registration of TC 249. Transmittal of 1 Study.

47762300 Chemsico (2009) Submission of Product Chemistry Data in Support of the Registration of Chemsico Roach Control 5DW. Transmittal of 1 Study.

47783800 Whitmire Micro-Gen Research Laboratories, Inc. (2009) Submission of Product Chemistry, Toxicity and Efficacy Data in Support of the Application for Registration of TC296. Transmittal of 8 Studies.

47803600 Summit VetPharm (2009) Submission of Residue Data in Support of the Registrations of SVP7, SVP8 and SVP9. Transmittal of 1 Study.

47803601 Conti, J. (2009) Protocol SVP09006a Characterization of Loading Based Dislodgeability of Dinotefuran Residues on Cotton Gloves 24 Hours after Topical Application to Dogs: Protocol SVP09006b Characterization of the Temporal Transferability of Dinotefuran Residues on Cotton Gloves Following Topical Application to Dogs Using an Equilibrium Loading-Based on Petting Simulation. Project Number: SVP09006, SVP09006A, SVP09006B. Unpublished study prepared by Summit VetPharm, LLC. 51 p.

47814400 Mitsui Chemicals, Inc. (2009) Submission of Residue and Exposure and Risk Data in Support of the Amended Registration of Dinotefuran 20% Turf, Ornamental, and Vegetable Transplants in Enclosed Structures. Transmittal of 2 Studies.

47814402 Durkin, P. (2009) Dinotefuran Human Health and Ecological Risk Assessment. Project Number: AG/3187/C/06/0010, AG/43AP/D/08/0019, 52/18. Unpublished study prepared by USDA/Forest Service. 239 p.

47814500 Gowan Co. (2009) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Scorpion Insecticide. Transmittal of 9 Studies.

47817300 Mitsui Chemicals, Inc. (2009) Submission of Efficacy Data in Support of the Amended Registration of Dinotefuran 20% Turf, Ornamental and Vegetable Transplants in Enclosed Structures. Transmittal of 1 Study.

47879000 Whitmire Micro-Gen Research Laboratories, Inc. (2009) Submission of Product Chemistry, Toxicity and Efficacy Data in Support of the Application for Registration of TC 303. Transmittal of 8 Studies.

47879008 Appel, A. (2009) Evaluation of Two Insecticidal Products for Control of Adult Cat Fleas, *Ctenocephalides felis* Bouche. Project Number: 1408, 2359. Unpublished study prepared by Urban Entomology. 11 p.

48049900 Summit VetPharm (2010) Submission of Product Chemistry Data in Support of the Registration of SVP9. Transmittal of 1 Study.

48120500 Mitsui Chemicals Agro., Inc. (2010) Submission of Toxicity and Residue Data in Support of the Registration of Dinotefuran Technical. Transmittal of 3 Studies.

48144400 Summit VetPharm, LLC. (2010) Submission of Efficacy Data in Support of the Amended Registration of SVP7. Transmittal of 5 Studies.

48168300 Gowan Company (2010) Submission of Product Chemistry Data in Support of the Registration of Dinotefuran 35SL. Transmittal of 1 Study.

48265800 Whitmire Micro-Gen Research Laboratories, Inc. (2010) Submission of Product Chemistry, Toxicity and Efficacy Data in Support of the Application for Registration of TC-314. Transmittal of 26 Studies.

48265816 Snell, E.; Smith, T.; Garrett, B.; et al. (2010) Efficacy of Chlorfenapyr - Dinotefuran C& C Residual Ver 1b (0.5% Chlorfenapyr, 0.3% Dinotefuran) and Chlorfenapyr C&C Residual Gen 2 v.1b (0.5% Chlorfenapyr) When Applied as Direct Aerosol Spray Applications to Pharaoh Ants (*Monomorium pharaonis*). Project Number: DIMES/1651, 2610. Unpublished study prepared by Snell Scientifics, LLC. 32 p.

48265817 Snell, E.; Smith, T.; Huff, W. (2010) Efficacy of Chlorfenapyr - Dinotefuran C&C Residual Ver 1b (0.5% Chlorfenapyr, 0.3% Dinotefuran) and Chlorfenapyr C& C Residual Gen 2 V.1b (0.5% Chlorfenapyr) When

Applied as Direct Aerosol Spray Applications to Bed Bugs (*Cimex lectularius*). Project Number: 2613, 1651. Unpublished study prepared by Snell Scientifics, LLC. 31 p.

48265822 Snell, E.; Smith, T.; Falconer, A. (2009) Evaluations of Chlorfenapyr - Dinotefuran C& C Residual Ver 1a (0.5% Chlorfenapyr, 0.1% Dinotefuran), Ver 1b (0.5% Chlorfenapyr, 0.3% Dinotefuran) and Chlorfenapyr C&C Residual Gen 2 v.1b (0.5% Chlorfenapyr) Aerosol Formulations When Applied as Direct Spray Applications to Adult Male German Cockroaches (*Blattella germanica*). Project Number: WHITSTEVEAERCHLORDINOGRO09, 2608, 1512. Unpublished study prepared by Snell Scientifics, LLC. 34 p.

48291600 Mitsui Chemicals Agro, Inc. (2010) Submission of Toxicity Data in Support of the Registration of Dinotefuran Technical. Transmittal of 1 Study.

48316400 Whitmire Micro-Gen Research Laboratories, Inc. (2010) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of TC-329. Transmittal of 2 Studies.

48336900 Chemsico (2010) Submission of Efficacy Data in Support of the Amended Registration of Chemsico Roach Control 5DW. Transmittal of 1 Study.

48336901 Wood, T. (2010) Efficacy of Chemsico Roach Control 5DW against German Cockroach Eggs. Unpublished study prepared by United Industries Corporation. 7 p.

48337000 Chemsico (2010) Submission of Efficacy Data in Support of the Amended Registration of Chemsico Ant & Roach Control 5DG. Transmittal of 1 Study.

48337001 Wood, T. (2010) Efficacy of Chemsico Ant & Roach Control SDG Against German Cockroach Eggs. Unpublished study prepared by United Industries Corp. 7 p.

48393900 Whitmire Micro-Gen Research Laboratories, Inc. (2011) Submission of Product Chemistry and Efficacy Data in Support of the Application for Registration of TC-271. Transmittal of 6 Studies.

48393902 Hansen, L. (2009) Laboratory Tests to Determine Efficacy and Residual Activity of Chemicals and Formulations Used in Management of Carpenter Ants: (Phantom Aerosol (Generation 1), Phantom Aerosol (Generation 2), Alpine (Dinotefuran) Dust, Termidor Foam). Project Number: DIMES/1477, 1477, 2484. Unpublished study prepared by Spokane Falls Community College. 20 p.

48393903 Waters, H. (2009) Laboratory Bioassay to Determine the Efficacy of Dust Products Against Bed Bugs, *Cimex lectularius*: (Diafil 610, CelPure 265, MotherEarth D, Dicalite SA-3 and Alpine Dust). Project Number: 09/65, 1457, 2445. Unpublished study prepared by i2LResearch, Ltd. 20 p.

48393904 Snell, E.; Sexton, W.; Smith, T. (2008) Evaluation of 0.25% TC-249 Dinotefuran Dust when Applied as Residual Pesticide and Exposed to Pharaoh Ants (*Monomorium pharaonis*). Project Number: 2258, 1213, 310/00. Unpublished study prepared by Snell Scientifics, LLC. 19 p.

48393905 Dawe, H. (2007) Laboratory Bioassay to Determine the Efficacy of Residual Deposits of Dust Formulations for the Control of the Bed Bug, *Cimex lectularius*: (TC-268 (Diatomaceous Earth) and TC-249 (Dust Containing 0.25% Dinotefuran)). Project Number: 05/31, PTS/796, 1974. Unpublished study prepared by Insect Investigations, Ltd. 24 p.

48393906 Snell, E.; Smith, T.; Falconer, A. (2009) Efficacy of Whitmire Micro-Gen Alpine (0.25% Dinotefuran) Dust when Applied as a Direct Application to Eastern Subterranean Termites (*Reticulitermes flavipes*). Project Number: 2505, 1462, 311/00. Unpublished study prepared by Snell Scientifics, LLC. 22 p.

48408800 Summit VetPharm, LLC (2011) Submission of Pesticide Use Data in Support of the Registration of SVP9. Transmittal of 1 Study.

48408801 Testman, R. (2010) Characterization of Loading-Based Dislodgeability of Dinotefuran Residues on Cotton Gloves 24 Hours after Topical Application to Dogs. Project Number: SVP09006A, 100339. Unpublished study prepared by Young Veterinary Research Services and Golden Pacific Laboratories, LLC (GPL). 121 p.

48427100 Mitsui Chemicals Agro, Inc. (2011) Submission of Product Chemistry and Toxicity Data in Support of the

Amended Registration of Dinotefuran 10SL. Transmittal of 7 Studies.

48436000 Valent U.S.A. Corporation (2011) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of V-10276 0.088 SL Insecticide/Fungicide. Transmittal of 8 Studies.

48441500 Ceva Animal Health (2011) Submission of Efficacy Data in Support of the Application for Registration of SVP 11. Transmittal of 1 Study.

48442100 Mitsui Chemicals Agro., Inc. (2011) Submission of Toxicity Data in Support of the Registration of Dinotefuran Technical. Transmittal of 2 Studies.

48460100 Mitsui Chemicals Agro, Inc., Valent USA Corporation and Interregional Research Project No. 4 (2011) Submission of Residue Data in Support of the Registrations of Dinotefuran 70 SG Insecticide, Dinotefuran Technical, Dinotefuran 20SG and Starkle 70SC and the Petition for Tolerance of Dinotefuran for Use on Low Growing Berry Subgroup 13-07H, except Strawberry; Watercress; Green Onion Subgroup 3-07B; Bulb Onion Subgroup 3-07A; Peach; Tuberous and Corn Vegetable Subgroup 1 C; Small Fruit, Vine Climbing, Subgroup 13-07F, except Fuzzy Kiwifruit and Chives. Transmittal of 5 Studies.

48460700 BASF Corporation (2011) Submission of Efficacy Data in Support of the Registration Review of the Piperonyl Butoxide and Pyrethrins Containing Product TC-272. Transmittal of 1 Study.

48460701 Cardoza, R. (2010) Evaluation of Two Total Release Formulations for the Insecticidal Activity (Efficacy) of Pro Control (TC-272) and TC-320 (German and Oriental Cockroach, Cellar Spider, Argentine Ant, Paper Wasp, House and Stable Fly, Southern House Mosquito, Brown Dog and Lone Star Tick, Cat Flea). Project Number: 384/09, DIMES/1587. Unpublished study prepared by Bio Research. 94 p.

48481700 Interregional Research Project 4 (2011) Submission of Fate Data in Support of the Amendment of Crop Group 4 - Leafy Vegetables. Transmittal of 1 Study.

48481701 Barney, W.; Switek, T. (2011) Crop Grouping Petition - Leafy Vegetables Technical Amendment (Addition) to 40 CFR 180.41 (c) and 180.1 (g). Project Number: A/27200/13/11, PR/10777. Unpublished study prepared by Interregional Research Project No. 4. 2145 p.

48495400 Whitmire Micro-Gen Research Laboratories, Inc. (2011) Submission of Product Chemistry Data in Support of the Application for Registration of TC-320. Transmittal of 7 Studies.

48525600 Ceva Animal Health, LLC (2011) Submission of Efficacy Data in Support of the Application for Registration of SVP11. Transmittal of 1 Study.

48536300 The IR-4 Project (2011) Submission of Residue Data in Support of the Petition for Tolerance of Dinotefuran for use on Tea. Transmittal of 1 Study.

48536301 Komatsu, K. ; Yabusaki, T. (2000) Dinotefuran: Pesticide Residue Analysis in Tea. Project Number: 10838. Unpublished study prepared by Mitsui Chemicals, Inc. 28 p.

48609200 Ceva Animal Health, LLC (2011) Submission of Product Chemistry Data in Support of the Application for Registration of SVP11. Transmittal of 1 Study.

48609201 Conti, J. (2011) Product Chemistry: (SVP11). Project Number: C661/2/00/E2. Unpublished study prepared by Ceva Animal Health, LLC. 92p.

48642000 Ceva Animal Health, LLC (2011) Submission of Product Chemistry Data in Support of the Application for Registration of SVP11. Transmittal of 1 Study.

48643300 Mitsui Chemicals Agro, Inc. (2011) Submission of Product Chemistry Data Data in Support of the Amended Registration of Dinotefuran 10SL. Transmittal of 1 Study.

48654300 Mitsui Chemicals Agro, Inc. (2011) Submission of Residue and Toxicity Data in Support of the Registration of Dinotefuran Technical. Transmittal of 7 Studies.

48654303 Hummel, R. (2007) Potential Toxicity of Dinotefuran to Bee Hives when Applied in Sugar Solution via Feeding Jars. Project Number: 43421F007. Unpublished study prepared by Landis International, Inc. 17p.

48654304 Hummel, R. (2008) Evaluation of Oral Toxicity of 1-Methyl-3-(Tetrahydro-3-furylmethyl)Guanidinium (DN) to Honey Bees (*Apis mellifera* L.). Project Number: 43421F005, 850/3040/07/434/21F/03. Unpublished study prepared by Landis International, Inc. 33p.

48654305 Hummel, R. (2008) Evaluation of Oral Toxicity of 1-Methyl-2-Nitroguanidine (MNG) to Honey Bees (*Apis mellifera* L.). Project Number: 43421F004, 850/3040/07/434/21F/02. Unpublished study prepared by Landis International, Inc. 33p.

48654306 Hummel, R. (2008) Evaluation of Oral Toxicity of Nitroguanidine (NG) to Honey Bees (*Apis mellifera* L.). Project Number: 43421F003, 850/3040/07/434/21F/01. Unpublished study prepared by Landis International, Inc. 33p.

48654307 Hummel, R. (2008) Evaluation of Oral Toxicity of 1-Methyl-3-[(3-tetrahydrofuryl)methyl]Urea (UF) to Honey Bees (*Apis mellifera* L.). Project Number: 43421F006, 850/3040/07/434/21F/04. Unpublished study prepared by Landis International, Inc. 33p.

48666400 Ceva Animal Health, LLC (2011) Submission of Product Chemistry Data in Support of the Application for Registration of SVP11. Transmittal of 1 Study.

48680000 Mitsui Chemicals Agro, Inc. (2011) Submission of Environmental Fate and Toxicity Data in Support of the Amended Registrations of Dinotefuran Technical and LX434 Dinotefuran 20SG and the Petition for Tolerance of Dinotefuran for Use on Rice. Transmittal of 7 Studies.

48680001 Sorensen, L.; Setliff, L.; Horton, J. (2011) Dinotefuran: Rice Reduced-Risk Rationale Document. Project Number: LI/LS/11/11. Unpublished study prepared by Mitsui Chemicals Agro, Inc. 108p.

48680005 Landis, W. (2011) Crop Profile for Data Evaluation Report on the Aquatic Field Dissipation of Dinotefuron. Unpublished study prepared by Mitsui Chemicals Agro, Inc. 29p.

48680007 Arce, G.; Gale, E.; Sakamoto, O. (2011) Request to Reduce the 10x Uncertainty Factor that was Applied to the Chronic Endpoint and Long-Term Level of Concern for Dinotefuran. Project Number: LI/12/11. Unpublished study prepared by Mitsui Chemicals Agro, Inc. 68p.

48680300 Mitsui Chemicals Agro, Inc. (2011) Submission of Residue Data in Support of the Amended Registration of LX434 Dinotefuran 20SG. Transmittal of 8 Studies.

48680306 Landis, W. (2011) Raw Agricultural Commodity (RAC) Residue of (Dinotefuran 20 and 70) SG Applied to Rice. Project Number: 43406A031, 43406A058, 43406A059. Unpublished study prepared by Landis International, Inc. 26p.

48696200 Whitmire Micro-Gen Research Laboratories, Inc. (2011) Submission of Product Chemistry, Toxicity and Efficacy Data in Support of the Application for Registration of TC-315. Transmittal of 24 Studies.

48696208 Jones, C. (2011) Insecticidal Efficacy of Dinotefuran WSG, Phantom Alphacypermethrin HEI, Alphacypermethrin AF14, and Fendona WP Formulations against *Aedes* and *Anopheles* Adult Mosquitoes via Limited Exposure Surface Contact Assay (DIMEs 1980). Project Number: DIMES/1980, 3125. Unpublished study prepared by APR/IB Advanced Testing II, Non-crop. 12p.

48696209 Cardoza, R.; Forey, D. (2010) Laboratory Evaluation of Experimental Insecticides in the Control of the Cellar Spider (Fipronil and Dinotefuran). Project Number: 390/09/J/1, 209, 1606. Unpublished study prepared by Bio Research. 16p.

48696210 Granovsky, T. (2010) Laboratory Evaluation of the Efficacy of BASF Spray Formulations for the Management of Various Arthropod Species of Public Health Importance (Fipronil, Dinotefuran, and Indoxacarb). Project Number: GAOBASF002/09, 2783, 1602. Unpublished study prepared by Granovsky Associates, Inc. Internat. Inst. 26p.

48696211 Cardoza, R.; Forey, D. (2011) Laboratory Evaluation of TC-315 Dinotefuran Compared to Talstar One in the Control of the Paper Wasp. Project Number: 218/11/L, 1841, 3074. Unpublished study prepared by Bio Research. 11p.

- 48696212 Snell, E.; Smith, T.; Garrett, B.; et al. (2011) Efficacy of TC-315 Dinotefuran 40% WSG (Diluted at 10 g./gal.) and 0.6% Talstar P Professional Insecticide (7.9% Bifenthrin) when Applied as Direct Spray Applications to Yellow Jackets (*Vespula maculifrons*). Project Number: DIMES/1869, 3072, 311/00. Unpublished study prepared by Snell Scientifics, LLC. 25p.
- 48696213 Cardoza, R.; Forey, D. (2011) Laboratory Evaluation of TC-315 Dinotefuran Compared to Talstar One in the Control of the Carpenter Ant. Project Number: 218/11/B, 1841, 3069. Unpublished study prepared by Bio Research. 11p.
- 48696214 Granovsky, T. (2011) Laboratory Evaluation of the Efficacy of BASF Spray Formulations (Bridging Study of TC-315 and TC-316) for the Management of Various Arthropod Species of Public Health Importance. Project Number: GAI/BASF002/09/11, DIMES/1843, 2993. Unpublished study prepared by Granovsky Associates, Inc. Internat. Inst. 29p.
- 48696215 Gordon, F. (2011) Insecticidal Efficacy of TC-315 Dinotefuran WSG against Pharoah Ant (*Monomorium pharonis*) and Black Carpenter Ant (*Camponotus pennsylvanicus*) Workers in a Direct Spray Assay (DIMEs 1937). Project Number: DIMES/1937, 3084, 1937. Unpublished study prepared by BASF Advanced Testing II Laboratory, APR/IB. 7p.
- 48696216 Cardoza, R.; Forey, D. (2011) Laboratory Evaluation of TC-315 Dinotefuran Compared to Talstar One in the Control of the American Cockroach. Project Number: 218/11/E, 1841, 3065. Unpublished study prepared by Bio Research. 13p.
- 48696217 Cardoza, R.; Forey, D. (2011) Laboratory Evaluation of TC-315 Dinotefuran Compared to Talstar One in the Control of the Harvester Ant. Project Number: 218/11/M, 1841, 3052. Unpublished study prepared by Bio Research. 11p.
- 48696218 Cardoza, R.; Forey, D. (2011) Laboratory Evaluation of TC-315 Dinotefuran Compared to Talstar One in the Control of the Southern Fire Ant. Project Number: 218/11/N, 1841, 3051. Unpublished study prepared by Bio Research. 11p.
- 48696219 Cardoza, R.; Forey, D. (2010) Laboratory Evaluation of Experimental Insecticide Residues in the Control of the Carpenter Ant (Fipronil and Dinotefuran). Project Number: 390/09/B/2/R, 209, 1606. Unpublished study prepared by Bio Research. 19p.
- 48696220 Cardoza, R.; Forey, D. (2011) Laboratory Evaluation of TC-315 Dinotefuran Compared to Talstar One in the Control of the Centipede. Project Number: 218/11/C, 1841, 3067. Unpublished study prepared by Bio Research. 12p.
- 48696221 Snell, E.; Smith, T.; Very, R.; et al. (2011) Efficacy of TC-315 Dinotefuran 40% WSG (Diluted at 10 g./gal.) and 0.03% Talstar P Professional Insecticide (7.9% Bifenthrin) When Applied as Direct Spray Applications to Wild Strain Bed Bugs. Project Number: DIMES/1869, 3085, CIMXLE/DIRECT. Unpublished study prepared by Snell Scientifics, LLC. 24p.
- 48696222 Snell, E.; Smith, T.; Garrett, B.; et al. (2011) Efficacy of TC-315 Dinotefuran 40% WSG (Diluted at 10 g./gal.) and 0.03% Talstar P Professional Insecticide (7.9% Bifenthrin) When Applied as Direct Spray Applications to Carpenter Ants (*Camponotus floridanus*). Project Number: 1869, 3088, CAMPFL/DIRECT. Unpublished study prepared by Snell Scientifics, LLC. 24p.
- 48696223 Cardoza, R.; Forey, D. (2010) Laboratory Evaluation of Experimental Insecticide Residues in the Control of the Paper Wasp (Fipronil and Dinotefuran). Project Number: 390/09/O/2/R, 209, 1606. Unpublished study prepared by Bio Research. 19p.
- 48696224 Snell, E.; Smith, T.; Holiday, R.; et al. (2011) Efficacy of TC-315 Dinotefuran 40% WSG (Diluted at 30 g./gal.) and 0.03% Talstar P Professional Insecticide (7.9% Bifenthrin) When Applied as Direct Spray Applications to Oriental Cockroaches (*Blattella orientalis*). Project Number: DIMES/1869, 3123, BLTTOR/DIRECT. Unpublished study prepared by Snell Scientifics, LLC. 16p.
- 48696800 Mitsui Chemicals Agro, Inc. (2011) Submission of Toxicity Data in Support of the Registration of

Dinotefuran Technical. Transmittal of 2 Studies.

48696801 Hummel, R. (2011) Landis Response to the US EPA DER for the Field Hive Study (MRID 48120501) (Dinotefuran). Project Number: LI/11/11. Unpublished study prepared by Mitsui Chemicals, Inc. 206p.

48696802 Landis, W. (2011) Results of Statistical Analyses Related to a Field Evaluation of Foraging Honey Bees (*Apis mellifera*) and Hives after Exposure to Dinotefuran Applied to Cotton: Final Report. Project Number: LI/09/11. Unpublished study prepared by Sielken, Inc. 157p.

48707100 Mitsui Chemicals Agro, Inc. and Whitmire Micro-Gen Research Laboratories, Inc. (2012) Submission of Residue and Safety Data in Support of the Amended Registrations of Dinotefuran Technical, TC 249, TC 259 and TC 267 and the Reduced-Risk Pesticide Rationale for Dinotefuran. Transmittal of 2 Studies.

48707101 Setliff, L.; Sorensen, L.; Lott, T.; et al. (2011) Dinotefuron: Food/Feed Handling Establishments Reduced-Risk Rationale Document. Project Number: LI/12/06. Unpublished study. 115p.

48739300 Mitsui Chemicals Agro, Inc. (2012) Submission of Toxicity Data in Support of the Registration of Dinotefuran Technical. Transmittal of 1 Study.

48745300 Whitmire Micro-Gen Research Laboratories, Inc. (2012) Submission of Product Chemistry Data in Support of the Registration of TC 303. Transmittal of 1 Study.

48749400 BASF Corp. (2012) Submission of Product Chemistry Data in Support of the Amended Registration of TC 271. Transmittal of 1 Study.

48751400 Mitsui Chemicals Agro, Inc. (2012) Submission of Product Chemistry Data in Support of the Registration of Dinotefuran 10SL. Transmittal of 1 Study.

48767400 Whitmire Micro-Gen Research Laboratories, Inc. (2012) Submission of Product Chemistry Data in Support of the Application for Registration of TC-230. Transmittal of 1 Study.

48767800 International Pest Management Institute (2012) Submission of Efficacy Data in Support of the Registrations of Perma-Guard Household Insecticide and Perma-Guard Commercial Insecticide. Transmittal of 1 Study.

48767801 Gouge, D. (2012) Efficacy Tests Assessing Three Diatomaceous Earth (DE) Products Including Perma-Guard Crawling Insect. Unpublished study prepared by University of Arizona. 8p.

48787100 Ceva Animal Health (2012) Submission of Efficacy and Residue Data in Support of the Registration of SVP7. Transmittal of 3 Studies.

48787101 Hair, A.; Gross, S.; Ball, C. (2010) Comparative Efficacy in vivo of a Dermal Treatment Based on Dinotefuran Versus Frontline Plus (Fipronil and S-mthoprene(Sic)) and K9 Advantix 55 (Imidacloprid and Permethrin) against the Adult and Immature Cat Flea (*Ctenocephalides felis*) and the Adult Brown Dog Tick (*Rhipicephalus sanguineus*) with Repeated Dosing Over 4 Months in Dogs Housed Outdoors. Project Number: SVP/09003. Unpublished study prepared by Ceva Animal Health. 67p.

48787102 Boatwright, M. (2012) Characterization of the Temporal Transferability of Dinotefuran Residues on Cotton Gloves following Topical Application to Dogs Using an Equilibrium Loading-based Petting Simulation. Project Number: SVP09006B, 100340. Unpublished study prepared by Golden Pacific Laboratories, LLC (GPL) and Young Veterinary Research Services. 132p.

48787103 Blagburn, B. (2010) Prevention of Feeding of Vectra 3D for Dogs & Puppies Spot-On Treatment against the Cat Flea (*Ctenocephalides felis*) on Dogs. Project Number: SVP/09001. Unpublished study prepared by Ceva Animal Health, LLC. 21p.

48805000 Whitmire Micro-Gen Research Laboratories, Inc. (2012) Submission of Product Chemistry, Toxicity and Efficacy Data in Support of the Application for Registration of Termidor GIC. Transmittal of 33 Studies.

48805015 Forey, D.; Cardoza, R. (2010) (TC-316, TC-315 and Prescription Treatment Alpine Pressurized Insecticide): Laboratory Evaluation of Experimental Insecticides in the Control of the Brown Dog Tick. Project Number: 390/09/P/1, 209, 1606. Unpublished study prepared by Bio Research. 14p.

- 48805016 Cardoza, R.; Forey, D. (2010) (TC-316, TC-315 and Prescription Treatment Alpine Pressurized Insecticide): Laboratory Evaluation of Experimental Insecticide Residues in the Control of the Carpenter Ant. Project Number: 390/09/B/2, 209, 1606. Unpublished study prepared by Bio Research. 19p.
- 48805017 Cardoza, R.; Forey, D. (2010) (TC-316 and TC-315) Laboratory Evaluation of Experimental Insecticide Residues in the Control of the Oriental Cockroach. Project Number: 2802, 1606, 209. Unpublished study prepared by Bio Research. 19p.
- 48805018 Cardoza, R.; Forey, D. (2010) (TC-316, TC-315 and Prescription Treatment Alpine Pressurized Insecticide): Laboratory Evaluation of Experimental Insecticide Residues in the Control of the House Fly. Project Number: 390/09/M/2, 209, 1606. Unpublished study prepared by Bio Research. 19p.
- 48805019 Cardoza, R.; Forey, D. (2010) (TC-316, TC-315 and Prescription Treatment Alpine Pressurized Insecticide): Laboratory Evaluation of Experimental Insecticides in the Control of the Carpenter Ant. Project Number: 2591, 1606, 390/09/B/1. Unpublished study prepared by Bio Research. 14p.
- 48805022 Forey, D.; Cardoza, R. (2010) (TC-316, TC-315 and Prescription Treatment Alpine Pressurized Insecticide): Laboratory Evaluation of Experimental Insecticides in the Control of the Brown Recluse Spider. Project Number: 1606, 209, 2648. Unpublished study prepared by Bio Research. 17p.
- 48805023 Forey, D. ; Cardoza, R. (2010) (TC-316, TC-315 and Prescription Treatment Alpine Pressurized Insecticide): Laboratory Evaluation of Experimental Insecticides in the Control of the American Cockroach. Project Number: 2655, 1606, 390/09/I/1. Unpublished study prepared by Bio Research. 15p.
- 48805024 Snell, E.; Smith, T.; Garrett, B. et al. (2011) Efficacy of TC-323, TC-316, and TC-312 Aerosol Formulations Compared to 0.10% DuPont Arilon When Applied as Direct Spray Applications to House Spiders (*Aranea* spp). Project Number: DIMES/1917, 3117, 1917. Unpublished study prepared by Snell Scientifics, LLC. 18p.
- 48805025 Cardoza, R.; Forey, D. (2010) (TC-316 Termidor Perimeter Foam Aerosol and TC-315 Dinotefuran 40% WSG): Laboratory Evaluation of Experimental Insecticide Residues in the Control of the Harvester Ant. Project Number: 390/09/H/2/R, 1606, 2795. Unpublished study prepared by Bio Research. 19p.
- 48805026 Forey, D. ; Cardoza, R. (2010) (TC-316 Termidor Perimeter Foam Aerosol, TC-315 Dinotefuran 40% WSG and Prescription Treatment Alpine Pressurized Insecticide): Laboratory Evaluation of Experimental Insecticides in the Control of the Harvester Ant. Project Number: 390/09/H/1, 1606, 2654. Unpublished study prepared by Bio Research. 13p.
- 48805027 Cardoza, R.; Forey, D. (2010) (TC-316, TC-315 and Prescription Treatment Alpine Pressurized Insecticide): Laboratory Evaluation of Experimental Insecticides in the Control of the Oriental Cockroach. Project Number: 390/09/A/1, 1606, 2646. Unpublished study prepared by Bio Research. 16p.
- 48805028 Cardoza, R.; Forey, D. (2010) (TC-316, TC-315 and Prescription Treatment Alpine Pressurized Insecticide): Laboratory Evaluation of Experimental Insecticide Residues in the Control of the Cellar Spider. Project Number: 390/09/J/2, 1606, 2810. Unpublished study prepared by Bio Research. 25p.
- 48805029 Cardoza, R.; Forey, D. (2010) (TC-316 and TC-315): Laboratory Evaluation of Experimental Insecticide Residues in the Control of the Black Widow Spider. Project Number: 390/09/F/2/R 1606 2797. Unpublished study prepared by Bio Research. 22p.
- 48805030 Cardoza, R.; Forey, D. (2010) (TC-316, TC-315 and Prescription Treatment Alpine Pressurized Insecticide): Laboratory Evaluation of Experimental Insecticide Residues in the Control of the Southern Fire Ant. Project Number: 2644, 1606, 390/09/C/2. Unpublished study prepared by Bio Research. 19p.
- 48805033 Snell, E.; Smith, T.; Garrett, B. (2011) Efficacy of TC-323, TC-316, and TC-312 Aerosol Formulations Compared to 0.10% DuPont Arilon When Applied as Direct Spray Applications to Black Widow Spiders (*Lactrodectus mactans*). Project Number: DIMES/1917 311/00 3131. Unpublished study prepared by Snell Scientifics, LLC. 17p.
- 48856100 Mitsui Chemical Agro, Inc. (2012) Submission of Efficacy Data in Support of the Dinotefuran 20% Turf,

Ornamental and Vegetable Transplants. Transmittal of 2 Studies.

48856101 McCullough, D. (2012) Evaluation of Systemic Insecticides for Control of Emerald Ash Borer: Summary of Research Results to Date for I. Long-term Evaluation of Neonicotinoids and II. One-, Two- and Three-year Control of EAB with Systemic Insecticides. Unpublished study prepared by Michigan State University. 19p.

48856102 Smitley, D.; Davis, T. (2012) 2008-2011 Kentwood EAB Efficacy in Street Trees: (Emerald Ash Borer). Unpublished study prepared by Michigan State University. 10p.

48875600 Whitmire Micro-Gen Research Laboratories, Inc. (2012) Submission of Efficacy Data in Support of the Application for Registration of TC-294. Transmittal of 4 Studies.

48875601 Reed, L. (2010) Physical and Chemical Characteristics of TC-294. Project Number: 10/0545. Unpublished study prepared by Whitmire Micro-Gen Research Laboratories, Inc. 6p.

48875603 Snell, E.; Sexton, W.; Weiner, D. (2007) Evaluation of Whitmire Dinotefuran 0.5% When Applied as Residual Pesticide to Unpainted Wood Panels and Glazed Tile Panels and Exposed to American Cockroaches (*Periplaneta americana*), German Cockroaches (*Blattella germanica*), and Oriental Cockroaches (*Blattella orientalis*). Project Number: WHITDINOPANEL/07. Unpublished study prepared by Snell Scientifics, LLC. 46p.

48882200 Mitsui Chemicals Agro., Inc. (2012) Submission of Residue Data in Support of the Registration of Dinotefuran Technical. Transmittal of 2 Studies.

48906900 Rainbow Treecare Scientific Advancements (2012) Submission of Product Chemistry Data in Support of the Application for Registration of Dinotefuran Injectable. Transmittal of 3 Studies.

48949100 Valent U.S.A. Corporation (2012) Submission of Product Chemistry Data in Support of the Registration of V-10276 0.088 SL Insecticide/Fungicide. Transmittal of 1 Study.

48950000 Whitmire Micro-Gen Research Laboratories, Inc. (2012) Submission of Efficacy Data in Support of the Amended Registration of TC 303. Transmittal of 6 Studies.

48950001 Snell, E.; Smith, T.; Garrett, B. (2010) Evaluation of the Efficacy of Ultracide IIA Carpet Spray V.2 when Applied as Direct Spray Applications to Wild Strain Bed Bugs (*Cimex lectularius*). Project Number: 1668, 2688. Unpublished study prepared by Snell Scientifics, LLC. 21p.

48950003 Snell, E.; Smith, T.; Garrett, B. et al. (2010) Efficacy of Whitmire Micro-Gen Ultracide IIA Carpet Spray V.2 When Applied as Residual Treatments to Unpainted Wood and Mattress Ticking for the Control of Bed Bugs (*Cimex lectularius*). Project Number: 2740, 1668. Unpublished study prepared by Snell Scientifics, LLC. 25p.

48950004 Snell, E.; Smith, T.; Garrett, B. et al. (2011) Efficacy of Ultracide IIA Carpet Spray V.2 When Applied as Direct Spray Applications to Susceptible and Wild Strain Bed Bug (*Cimex lectularius*) Eggs. Project Number: 311/00, 2910, 1726. Unpublished study prepared by Snell Scientifics, LLC. 35p.

48950006 Appel, A. (2010) Evaluation of Aged Deposits of Nylar and Pyriproxyfen Against Larval Cat Fleas, *Ctenocephalides felis* Bouche. Project Number: 2715 1501. Unpublished study prepared by Auburn University. 8p.

49010800 Ceva Animal Health, LLC (2012) Submission of Product Chemistry Data in Support of the Reregistration of the Permethrin Containing Product SVP7. Transmittal of 2 Studies.

49019600 Ceva Animal Health. LLC (2012) Submission of Product Chemistry Data in Support of the Application for Registration of CAH14 for Cats. Transmittal of 2 Studies.

49019700 Ceva Animal Health, LLC (2012) Submission of Product Chemistry Data in Support of the Application for Registration of CAH13 for Cats. Transmittal of 2 Studies.

49019800 CEVA Animal Health (2012) Submission of Product Chemistry, Toxicity and Efficacy Data in Support of the Application for Registration of CAH12 for Dogs and Cats. Transmittal of 12 Studies.

49019802 Conti, J. (2012) CAH12 Manufacturing Procedure. Project Number: CAH/JAC002, 30403404/SDS/GEN/US/EN. Unpublished study prepared by CEVA Animal Health, LLC. 30p.

49019804 Murphy, M. (2012) Speed of Kill and Adulticidal Efficacy of a Dinotefuran Based Spray Treatment against the Cat Flea (*Ctenocephalides felis*) on Dogs: Final Report. Project Number: USA017/120912, CAH12001. Unpublished study prepared by Charles River Laboratories BioLabs Europe. 65p.

49019805 Murphy, M. (2012) Speed of Kill and Adulticidal Efficacy of a Dinotefuran Based Spray Treatment against the Cat Flea (*Ctenocephalides felis*) on Cats: Final Report. Project Number: USA017/12/002, CAH12002. Unpublished study prepared by Charles River Laboratories Preclinical Services Ireland Ltd. 65p.

49049200 Whitmire Micro-Gen Research Laboratories, Inc. (2013) Submission of Product Chemistry Data in Support of the Registration of TC-294. Transmittal of 1 Study.

49050100 Mitsui Chemicals Agro, Inc. (2013) Submission of Efficacy Data in Support of the Registration of Dinotefuran 20% Turf, Ornamental and Vegetable Transplants in Enclosed Structures. Transmittal of 2 Studies.

49050101 Herms, D. (2012) Evaluation of Systemic Soil Treatments and Basal Trunk Sprays for Control of Emerald Ash Borer in Bowling Green, OH: 2008-2012 (Dinotefuron). Unpublished study prepared by Ohio State University. 9p.

49050102 Smitley, D.; Davis, T. (2011) 2008-2011 Kentwood EAB Efficacy in Street Trees (Dinotefuron): Amended Report. Unpublished study prepared by Michigan State University. 12p.

49071500 Ceva Animal Health, LLC (2013) Submission of Product Chemistry Data in Support of the Registration of SVP 10. Transmittal of 2 Studies.